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Lancaster Farming

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VOL. 36 No. 8 Six Sections Lancaster Farming, Saturday, January 5, 1991 50¢ Per Copy $15.00 Per Year

Look for these triplets, Jana, Kara, and Lance Gallagher at the Pennsylvania Farm Show. This is the first year the 9-year-old triplets, who were born during Farm Show week in 1981, will compete with their 4-H projects.

Triplets Debut At Pa. Farm Show Competition

LOU ANN GOOD
Lancaster Farming Staff

UNIONTOWN (Fayette Co.) — The state Farm Show and 4-H always have played a vital part in William and Janet Gallagher's life. Janet grew up as a 4-H'er, which influenced her to become a home economist and a 4-H leader. William or Bill as he is most commonly called, is the livestock and 4-H agent for Fayette County.

Every year he takes a bus load of Fayette Countians to the Farm Show. Every year that is except the one in 1981. That was the year, his wife was expecting their third baby. Although the due date wasn't until February 17, Janet was experiencing false labor off and on and was confined to her bed. Bill decided that he better forego the annual Farm Show trip that year, and it's a good thing that he did. For that was the time, a triple surprise entered the Gallagher family, which already had a five- and a one-year-old.

(Turn to Page A52)

Slight Changes To Farm Show

Visitors to this year's 75th anniversary Farm Show should be aware that the dairy shows are now held on Wednesday instead of Tuesday. And the open beef shows are now Tuesday instead of Wednesday. Also, the sheep supreme champion, normally scheduled Saturday, is now held Sunday at 6 p.m. Most of the remaining shows are the same. For a complete list of show and meeting schedules, turn to page F17-18 and F23-24.

Agriculture Ready For Seventy-Fifth Farm Show

Alan Hostetter offers a little extra feed to one of his favorite registered Holsteins, while the others get curious about the special treatment. Hostetter will be in the Farm Show Large Arena ring on Wednesday showing Dale-Pride Farms' cattle.

Showing Dairy Cattle Is Good Business

VERNON ACHENBACH JR.
Lancaster Farming Staff

NORTH ANNVILLE (Lebanon Co.) — No one has to tell the Hostetter family in Lebanon County that dairy producers are hurting because of the severe drop in milk price.

They are feeling the cut in their milk check.

And the family doesn't need to

(Turn to Page A41)

A love of animals and the challenge of a major event such as the state Farm Show next week in Harrisburg will bring families such as the Mussers to the show arena. Left to right: Harold, Judy, Tricia, Greg, Diane, and Doug. *Photo by Andy Andrews.*

Love Of Animals, Competition Draws Family To Farm Show

ANDY ANDREWS
Lancaster Farming Staff

ELIZABETHTOWN (Lancaster Co.) — It's not everytime that a girl who houses swine, cleans them, and makes them shine for Farm Show gets to be a high school homecoming queen.

But for Diane Musser, 17, daughter of Harold and Judy Musser, the myth that farm girls can't be beautiful and don't enjoy raising livestock simply isn't so.

A love of animals and the challenge of a major event such as the state Farm Show next week in Harrisburg will bring families such as the Mussers (Diane, a senior at Elizabethtown Area High School and brother Doug, a sophomore at Penn State) to the show arena.

There, Diane and Doug will compete with exhibitors throughout the state in three different categories: sheep, beef, and swine. For Diane, with the help from "Rebel," a 1,300-pound Angus/Chianina cross steer, and Doug's "Spike," a 1,325-pound cross with the same breed type, along with swine and sheep, perhaps a show trophy isn't far from reach.

150-year-old farm

The Mussers operate a 150-year-old farm on about 110 acres (90 tillable, planted with corn and soybeans) near Elizabethtown. In previous years, the family raised about 75 head of steers, about 600 pigs, and many broilers and pullets.

But because of the problems of spreading manure within wind from several neighborhoods, and because of the economic feasibility of warehousing instead of expanding the operation, the

(Turn to Page A42)

Look For Farm Show Stories, Meeting and Judging Schedules, Exhibitor Locations, And Advertising Messages In This Special Issue

Lancaster Co. Livestock Market Auctions

Lancaster Livestock Auction

Lancaster, Pa.

Monday, December 31, 1990

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	641	93	214	1348	344
Last Monday's Auction	456	65	156	803	438
Last Year's Auction	HOLIDAY				

CATTLE: Slaughter steers 1.00-2.00 lower, instances 2.50 lower; slaughter heifers 1.00-1.50 lower; cows weak to 1.00 lower; bullocks scarce; bulls steady, although yield grade 1 scarce. Supply included 57% slaughter steers, 15% slaughter heifers, 20% cows, with the balance bulls.

SLAUGHTER STEERS: Choice 2-4 1150-1500 lb 79.50-83.10; couple Choice 2 1175-1425 lb 83.00-83.50; Select and low Choice 2-3 1150-1475 lb 75.00-80.50; Select 2-3 1000-1275 lb 68.25-74.50. HOLSTEINS: Few Choice 1200-1450 lb 70.25-73.00; Select 975-1525 lb 66.50-70.25.

SLAUGHTER HEIFERS: Choice 2-3 960-1150 lb 76.00-78.00; Select 2-3 950-1150 lb 74.00-77.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 51.00-54.00 54.00-55.75 Cutter & Boning Utility 1-2 49.00-50.00 50.00-53.50 54.00-56.50 Canner and low Cutter 46.00-49.50.

BULLOCKS: Select 1-3 1150-1300 lb 63.00-66.25; couple Choice 2-3 1200-1325 lb 73.00-74.00.

BULLS: Yield grade 1 1350-1900 lb 63.00-68.25, couple 1300-1700 lb 72.25-75.75; Yield grade 2 1050-1500 lb 60.00-65.00, couple 2020-2035 lb 60.25-61.00.

VEAL CALVES: Vealers and slaughter calves steady. Demand good for Holstein bulls to return to farm.

VEALERS: Couple Choice 210-325 lb 90.00-108.00; high Good and low Choice 130-280 lb 50.00-75.00, 80-115 lb 35.00-42.00; Standard and low Good 55-80 lb 25.00-35.00.

RETURNED TO FARM: Bulk 90-115 lb Holstein bulls 90.00-115.00; few small frame 75-90 lb 65.00-85.00; several 250-450 lb Beef bred Steers, Heifers, and Bulls 75.00-90.00.

HOGS: Compared to last Monday barrows and gilts steady to weak; compared to last Wednesday sows 4.00-5.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lb 47.00-47.60. US 1 few 215-235 lb 48.50-49.00. US 1-3 210-260 lb 46.00-46.75.

SOWS: US 1-3 300-650 lb 42.00-46.50.

BOARS: All weights 35.00-36.50.

SHEEP: Wooled lambs firm to 5.00 higher; slaughter ewes fully steady.

WOOLED LAMBS: Choice 90-110 lb 55 00-60.00, 60-90 lb 55.00-65.00, 40-60 lb 65.00-70.00; Good to low Choice 70-95 lb 74.00-54.00.

SLAUGHTER EWES: Utility and Good 25.00-40.00, few 20.00-25.00; Yearlings and two-year olds 35.00-45.00.

GOATS: All goats sold by the head. Large 75.00-100.00, few Billies 100.00-125.00, thin 50.00-75.00; Medium mainly 50.00-60.00, few thin 45.00-50.00; Small, mainly kids, 45.00-55.00, few thin 35.00-45.00.

Some markets not available due to the holiday

Vintage Livestock

Tuesday, Jan. 1, 1991

Report Supplied by USDA

STEERS: 169. 1150-1400 LBS. 81.50-87.50; GOOD TO CHOICE CATTLE 1000-1250 LBS. 74.00-81.00; UTILITY COWS 48.00-54.00, CANNERS AND CUTTERS 42.00-48.00.

HEIFERS: 23. 80-118 LBS. 106.00-151.00; BULL CALVES GRADED 85-122 LBS. 135.00-158 00

COWS: 262.

BULLS: 8.

CAVLES: 461.

NO GOATS OR SHEEP.

Valley Livestock

Athens, Pa.

Wednesday, Jan. 2, 1991

Report supplied by auction

HOLSTEIN HEIFER CALVES TO 120.00.

VEAL CALVES NO GOOD VEALS.

VEALER BULL CALVES 125.00-140.00.

SLAUGHTER CALVES 55.00 AND DOWN.

GRASSERS & FEEDERS 45.00-70.00.

LAMBS NONE.

SHEEP 14.00-21.00.

HOGS NO TOP HOGS.

SOWS 38.00-44.00.

BOARS NONE.

PIGS SMALL 10.00-22.00.

HEIFERS 50.00-60.00.

STEERS NO TOP STEERS.

FEEDER STEERS 60.00-75.00.

BULLS 50.00-57.00.

COWS GOOD 48.00-52.50.

COWS MEDIUM 44.00-47.00.

COWS POOR OR SMALL 40.00 AND DOWN.

CATTLE MARKET STEADY TO EASIER.

CALF MARKET HIGHER.

GOATS TO 62.50.

NEXT WEEK'S SALE MON. AS USUAL.

Lancaster Livestock Auction

Lancaster, Pa.

Wednesday, January 2, 1991

	Cattle	Calves	Hogs	Sheep	Goats
Wednesday's Auction	29	0	254	0	0
Last Wednesday's Auction	11	3	135	0	0
Last Year's Auction	442	15	508	798	282

CATTLE: Insufficient volume cows for a market test.

VEAL CALVES: No market test.

HOGS: Insufficient volume barrows and gilts for a test; sows 1.00-2.00 lower.

SOWS: US 1-3 300-500 lb 39.75-42.50. 500-650 lb 41.50-44.00. Medium 1-2 300-550 lb 37.50-40.00.

BOARS: All weights 35.00-36.50.

SHEEP: No market test.

GOATS: No market test.

Frederick Livestock Auction

Frederick, Md.

Monday, Dec. 31, 1990

Report Supplied by Auction

SLAUGHTER COWS: UTILITY 49.00-53.00; HIGH DRESSING TO 54.50; CANNERS 46.00-49.00; SHELLY 46.00 DOWN.

BULLS: YG#1 HOLSTEIN 1615 LBS. 61.25.

VEAL CALVES: NO CHOICE; GOOD 150-190 LBS. 79.00-90.00; CULLS 80-110 LBS. 46.00-50.00; 50-80 LBS 35.00-42.00; WEAK, ROUGH, THIN 35.00 AND DOWN.

FARM CALVES: HOLSTEIN BULLS #1 90-130 LBS. 110.00-131.00; #2 75-90 LBS. 60.00-95.00.

HOLSTEIN HEIFERS: 95-115 LBS. 100.00-130.00; 80-90 LBS. 65.00-100.00.

BUTCHER HOGS: #1 AND 3 215-260 LBS. 46.00-46.75; 280-300 LBS. 44.00-47.00.

SOWS: 400-600 LBS. 40.00-44.25; THIN 34.00-35.00.

BOARS: 35.00-36.00.

FEW OFFERED. NO PRICES GIVEN.

HEIFERS: 3 HOLSTEINS 148 LBS. AT 103.00.

BULLS: NONE.

DAIRY REPLACEMENTS: SPRINGERS TO 825.00S.

LAMBS: NONE.

SHEEP: NONE.

GOATS: LARGE UP TP 69.00.

PIGS AND SHOATS: BY THE HEAD, 50-65 LBS. 40.00-42.50; BY THE POUND, 4 HEAD, 117 LBS. AT 50.00.

STOCK BOARS: 330 LBS. AT 35.25.

New Holland Livestock

Jan. 3, 1991

	Cattle	Calves	Sheep	Goats
Today	1140	924	87	31
Last Thursday	1070	1321	35	29
Last Year	1032	714	47	82

CATTLE: Compared to Monday; slaughter steers 1.00-1.50 higher, instances 2 00 higher; slaughter heifers 1.00 higher; cows steady to 1.00 lower, with decline mainly on Canner and low Cutter; bullocks not fully tested; bulls steady to weak. Supply included 20% slaughter steers and 69% cows.

SLAUGHTER STEERS: Choice 2-3 few 4 1075-1375 lb 81.50-83.75, few 84.00-84.50; one lot high Choice and Prime mostly 3 1300 lb 86.75; Choice 2 1175-1350 lb 84.50-86.25; Select and low Choice 2-3 1050-1450 lb 76.50-80.50; Select 2-3 1050-1275 lb 73.00-76.00. HOLSTEINS: One lot High Choice and Prime 1350 lb 72.85; couple lots Choice 1300-1400 lb 68.00-69.50; Select 1185-1550 lb 62.25-67.25.

SLAUGHTER HEIFERS: Choice 2-3 1025-1150 lb 76.50-81.10; couple High Choice and Prime mostly 3 1150-1350 lb 81.75-81.85; Select 2-3 900-1100 lb 72.00-76.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 51.50-54.75 54.75-57.50. Commercial 3-4 48.00-52.00. Cutter and Boning Utility 1-2 47.75-50.00 50.00-53.75 54.00-56.50. Canner and low Cutter 42.00-45.00 45.50-48.25.

BULLOCKS: Couple Select and low Choice 2-3 1050-1350 lb 62.75-69.00.

BULLS: Yield grade 1 1350-1800 lb 65.25-68.25, individual 1765 lb 76.75; Yield grade 2 1200-1800 lb 60.00-63.50, few low dressing 58.00-60.00.

VEAL CALVES: Vealers steady, although only a small supply of calves over 150 lb. Supply mainly 75-120 lb, with large share sold to return to farm.

VEALERS: Choice 190-350 lb 85.00-98.00, couple high Choice 280 lb 102.00- 108.00; high Good and low Choice 150-370 lb 63.00-76.00, 80-110 lb 40.00-46 00; Standard and low Good 55-80 lb 30.00-38.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 125.00-150.00, several 150.00-160.00, few 160.00-166.00; small frame 90-115 lb 95.00-120.00, 75-90 lb 55.00-85.00; bulk 90-120 lb Holstein heifers 102.00-118.00, few 120.00- 150.00; small frame 90-110 lb 75.00-100.00, 75-90 lb 48.00-70.00.

SHEEP: Wooled lambs fully steady; slaughter ewes steady.

WOOLED LAMBS, Choice 60-80 lb 56.00-66.00, couple 40-55 lb New Crop Lambs 110.00.

SLAUGHTER EWES: Utility and Good 20.00-30.00, few Yearlings and two-year olds 32.00-37.00.

GOATS: All goats sold by the head. Large 67.00-99.00, five head 116.00-130.00; Medium 44.00-63.00; few Small 22.00-35.00.

Lancaster County Weekly

Jan. 4, 1991

	CATTLE	CALVES
THIS WEEK	2350	1464
LAST WEEK	1560	1391
LAST YEAR	2578	1603

CATTLE: Slaughter steers 50-1.00 lower, after early sales being 2.00-2.50 lower; slaughter heifers closed 50-1.00 lower; cows 1.00 lower, instances 2.00 lower on Canner and low Cutter; bullocks scarce, bulls weak to 1.00 lower, although yield grade 1 not fully tested. Supply included 33% slaughter steers, 7% slaughter heifers, 51% cows, 4% bulls, with the balance feeders.

SLAUGHTER STEERS: Choice 2-3 few 4 1075-1475 lb 81.00-83.75, few 84.00- 84.50; one lot High Choice and Prime mostly 3 1300 lb 86.75; Choice 2 1175- 1350 lb 84.00-86.25; Select and low Choice 2-3 1050-1475 lb 76.00-80.50; Select 2-3 1000-1275 lb 68.00-76.00. HOLSTEINS: Choice 1200-1450 lb 68.00-72.00, few High Choice and Prime 72.00- 73.00; Select 975-1525 lb 64.00-68.00.

SLAUGHTER HEIFERS: Choice 2-3 960-1150 lb 76.00-81.10; couple High Choice and Prime mostly 3 1150-1350 lb 81.75-81.85; Select 2-3 900-1100 lb 72.00-77.00.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 51.00-54.75 54.75-57.50 Commercial 3-4 48.00-52.00 Cutter and Boning Utility 1-2 47.75-50.00 50.00-53.75 54.00-56.50 Canner and low Cutter 42.00-45.00 45.50-49.00

BULLOCKS: Select 1-3 1150-1300 lb 62.75-68.00; couple Choice 2-3 1200-1350 lb 69.00-74.00.

BULLS: Yield grade 1 1350-1900 lb 63 00-68.25, couple 1300-1765 lb 72.25-76.75, Yield grade 2 1050-1800 lb 60.00-65.00, low dressing 58.00-60.00.

VEAL CALVES: Vealers steady, although only a small supply of calves weighing over 150 lb. Supply mainly 75-120 lb with large share sold to return to farm.

VEALERS: Choice 190-350 lb 85.00-98.00; couple high Choice 250-280 lb 102.00-108.00; high Good and low Choice 130-370 lb 63.00-76.00, 80-110 lb 35.00-46.00; Standard and low Good 55-80 lb 25.00-38.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 125.00-150.00, several 150.00-160.00, few 160.00-166.00; small frame 90-115 lb 95.00-120.00, 75-90 lb 55.00-85.00. Bulk 90-120 lb Holstein heifers 102.00-118.00, few 120.00- 150.00; small frame 90-110 lb 75.00-100.00, 75-90 lb 48.00-70.00. Several 250-450 lb beef breed steers, heifers and bulls 75.00-90.00.

B&R CATTLE CO.
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17547
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AUCTIONS
MONDAY
9:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. - Goats, Veal Calves, Lambs
12 Noon - Slaughter Hogs
WEDNESDAY
8:00 A.M. - Slaughter Hogs
10:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
11:00 A M. - Veal Calves, Lambs
FRIDAY
11 00 A.M. - Stocker and Feeder Cattle
SATURDAY
8:00 A.M. - Slaughter Hogs

Next Feeder Cattle Sale
Friday, Jan. 18 - 11:00 A.M.

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike, Lancaster, Pennsylvania 17601
Serving The Community For 90 Years

VINTAGE SALES STABLES, INC.
COMPETITION IS THE
ADVANTAGE
MARKET
YOUR LIVESTOCK
THE VINTAGE WAY

TUESDAY
11:00 A.M.
SLAUGHTER CATTLE AUCTION—
STEERS, BULLS, HEIFERS,
COWS, FEEDER CATTLE

7:30 P.M.
CALVES, SHEEP, GOATS
* GET CALVES IN EARLY—
OUR STATE GRADER
STARTS AT 1:00 P.M.

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AVAIL.-LOCAL &
LONG DISTANCE
(RT. 30, 10 MILES EAST
OF LANCASTER IN
PARADISE, PA)

Hog Markets

New Holland Feeder Pigs

New Holland, PA

Wed., Jan. 2, 1991

Report Supplied by Auction

1000 HEAD.

1'S AND 2'S, 20-29 LBS. 144 00-157.00; 30-39 LBS. 127 00-137 00; 40-49 LBS. 110.00-126.00; 50-59 LBS 102 00-110.00; 60-69 LBS. 86.00-92 00.

2'S & 3'S, 20-29 LBS. 120.00-140.00, 30-39 LBS. 134.00-144.00; 40-49 LBS. 100 00-132.00; 50-59 LBS. 86 00-114 00, 60-69 LBS. 62.00-92 00.

Greencastle Feeder Pig Sale

Dec. 23, 1990

GOOD DEMAND WITH ACTIVE BIDDING. PRICES STEADY TO 5.00 HIGHER.

GRADES 1 & 2 - 30 HEAD 28-39 LBS. 98.00-150.00; 43 HEAD 40-49 LBS. 102.50-110.00; 151 HEAD 50-59 LBS. 97.50-117.50; 95 HEAD 60-69 LBS. 102.00-106.00; 42 HEAD 70-UP LBS. 89.00-95.00.

GRADE 2 - 31 HEAD 35-49 LBS. 66.00-116.00; 43 HEAD 50-UP LBS. 80.00-92.50.

GRADE 2 & 3 - 70.00-82.50.

BOARS - 88.00-122.50.

AS IS - 48.00-70.00.

NEXT FEEDER PIG SALE AT GREENCASTLE LIVESTOCK AUCTION TO BE HELD JANUARY 26, 1990. PIGS GRADED AND WEIGHED ON ARRIVAL.

Indiana Hogs

Louisville, Kentucky

Wednesday, January 2, 1991

INDIANA DIRECT HOGS 51 BARROWS AND GILTS: .50-1.50, MOSTLY 1.00 LOWER.

US 1-2 220-260 LBS. 45.50-46.50, FEW DOWN TO 45.00; 210-220 LBS. 43.25-44.50.

US 1-3 220-260 LBS. 44.00-45.50.

SOWS: STEADY TO 1.00 LOWER.

US 1-3 300-500 LBS. 34.00-38. 500-650 LBS. 38.00-42.00 FEW 44.00-45.00.

INDIANA DIRECT RECEIPTS: MONDAY'S ACTUALS 14,600 TODAYS ESTIMATE 19,500 WEDNESDAY WEEK AGO 18,000 WEDNESDAY YEAR AGO 16,400 WEEK TO DATE 34,100 SM PD WEEK AGO 29,200 SM PD YEAR AGO 43,000.

CARCASS BASIS HOG PRICES: HOT WEIGHTS: PLANT DELIVERED. 160-185 LBS. BARROWS AND GILTS: 1.33-2.04 LOWER.

US 1 (BACKFAT THICKNESS .50- .79 IN.) 64.98 TO 68.48 US 1 (BACKFAT THICKNESS .80- .99 IN.) 63.68 TO 64.98 US 2 (BACKFAT THICKNESS 1.00-1.24 IN.) 62.10 TO 63.68 US 3 (BACKFAT THICKNESS 1.25-1.49 IN.) 61.10 TO 62.98 US 4 (BACKFAT THICKNESS 1.50-1.79 IN.) 58.41 TO 61.10.

ACTUAL PAYING PRICE MAY NOT ALWAYS BE WITHIN PRICE RANGES AS ADJUSTMENTS ARE MADE FOR SUPERIOR OR INFERIOR MUSCLING AND BACKFAT THICKNESS WITHIN THE GRADES.

New Holland Hog Auction

Lancaster, Pa.

Monday, December 31, 1990

Hog Receipts:	
Today	622
Last Monday	416
Last Year	915

TREND: Compared to last Monday barrows and gilts weak to 1.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb 46.85-47.50.

US 1-3 210-255 lb 45.25-46.50.

US 2-3 250-270 lb 43.50-44.25.

Lancaster Hogs

Lancaster Stockyards

Sat., Dec. 29, 1990

Report supplied by auction

450 HEAD.

US 1 215-245 LBS. 47.75-49.25.

US 1-2 215-245 LBS. 47.25-47.75

US 1-3 215-245 LBS. 47.00-47.25

US 2-4 215-255 LBS. 46.00-47 00

GOOD SOWS· 42 50-47.25

MEDIUM SOWS: 38 00-42.00.

THIN SOWS· 35.00-38.00.

HEAVY BOARS: 34.50-36.50

LIGHT JR. BOARS: 37.00-38.50.

State Graded Feeder Pig Sale

at Carlisle Livestock Auction

Friday, December 28, 1990

RESULTS ON 1031 HEAD OF PIGS. WEATHER: HEAVY SNOW STORM. ALL PIGS WERE WEIGHED ON ARRIVAL AND SOLD BY THE HUNDRED WEIGHT.

US#1 AND 2: 594 HEAD. 75 HEAD 46-49 LBS. 103.00-118.00; 220 HEAD 51-59 LBS. 89 00-112.00; 270 HEAD 60-69 LBS. 85.00-103.50; 29 HEAD 70-79 LBS. 74.00-86.00.

US#2: 313 HEAD. 34 HEAD 33-39 LBS. 100.00-110.00; 114 HEAD 42-49 LBS. 101.00-112 00, 147 HEAD 51-59 LBS. 92.00-99.50; 18 HEAD 61-83 LBS 69 00-92.00.

US#2 AND 3: 87 HEAD. 71 HEAD 31-64 LBS. 70.00-86.00; 16 HEAD WITH TAILS 65.00-75.00.

AS IS/UTILITIES: 37 HEAD 25-55 LBS. 30.00-65.00.

STATE GRADED FEEDER PIGS SALES FRIDAY, JAN. 11 AND 25, 1:30 P.M., GRADING 7:30-11:30 A.M., HAY AND STRAW 12:45 P.M.

Hay & Grain Markets

National Grain Market

St. Joseph, Mo.

Wednesday, January 2, 1991

USDA DAILY NATIONAL GRAIN MARKET SUMMARY CASH GRAIN AND SOYBEAN PRICES MIXED WEDNESDAY. SOME MARKETS HAVE NO PRICE COMPARISON DUE TO HOLIDAY CLOSINGS MONDAY. WHEAT 1 TO 3 CENTS HIGHER. SOYBEANS STEADY TO 6 CENTS HIGHER FOR RAIL AND TRUCK AND 8 CENTS LOWER ON GULF. WHEAT PRICES SLIGHTLY HIGHER BOOSTED BY GOOD EXPORT INTEREST AND REPORT THAT CHINA TO TENDER FOR 600,000 METRIC TONS UNDER EXPORT BONUS. CORN AND SOYBEAN PRICES UNDER PRESSURE FROM LIGHT EXPORT DEMAND.

GRAINS INSPECTED FOR EXPORT FOR WEEK ENDING 12/27/90: WHEAT TOTALED 13.5, UP 2.3 MILLION BUSHELS, CORN 30.0, UP 900 THOUSAND BUSHELS AND SOYBEANS 10.6 MILLION BUSHELS, DOWN 4.6 COMPARED TO A WEEK AGO. YEAR TO DATE: WHEAT TOTALED 589.8, DOWN 175.4, CORN 510.3, DOWN 289.9 AND SOYBEANS 171.7, DOWN 54.5.

EXPORT NEWS: EGYPT BOUGHT 249,600 TONNES NO. 2 SOFT WHITE WHEAT UNDER EBP FOR JAN/MAR SHIPMENT. ZAIRE BOUGHT 9,333 TONNES HARD RED WINTER WHEAT UNDER EBP FOR JAN/FEB SHIPMENT.

DATE CHANGE YEAR AGO 01/02/91 12/31/90 01/02/90 WHEAT: KANSAS CITY 2.66-2.69 UP 2-3 4.24-4.28 MINNEAPOLIS 2.84-2.85 UP 1/2 4.22 3/4-4.26 3/4 PORTLAND 2.95-2.96 DN 1 4.58-4.60 ST. LOUIS 2.68-2.71 UP 3 4.16-4.19.

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.31-2.35 NC 2.4.1-2.46 MINNEAPOLIS 2.16 3/4 NO COMPARISON 2.19 1/2 SO. IOWA 2.29-2.31 NO COMPARISON 2.30-2.32 OMAHA 2.17-2.19 NO COMPARISON 2.27-2.29.

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.58-5.66 DN 5-3 5.70-5.74 MINNEAPOLIS 5.43 1/4 NO COMP 5.53 3/4 SO. IOWA 5.55-5.56 NO COMP 5.60 C. ILL. PROCESSORS 5.63-5.68 NO COMP 5.70-5.79.

KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 2.63 3/4 UP 2 3/4 4.07 3/4 MINNEAPOLIS (MAR) WHEAT 2.60 UP 1/2 3.91 3/4 CHICAGO (MAR) WHEAT 2.63 1/2 UP 3 4.10 (MAR) CORN 2.31 3/4 NC 2.38 1/2 (JAN) SOYBEANS 5.53 3/4 DN 6 5.67 1/4.

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 3.06-3.08 UP 3 4.66 NO. 2 SOFT RED WINTER WHEAT 2.98-2.99 UP 2-3 4.50-4.52 NO. 2 YELLOW CORN 2.55-2.61 DN 4-UP 2 2.73-2.75 NO. 2 YELLOW SORGHUM RAIL 4.66 UP 6 BARGE 4.67 DN 8 4.72-4.71 NO. 2 YELLOW SOYBEANS 5.84-5.90 DN 9-3 6.

Diffenbach Auction Center

New Holland, PA

Monday, Dec. 31, 1990

Report Supplied by Auction

TOTAL LOADS: 189

ALFALFA: 82 00-195.00.

MIXED HAY: 80.00-160.00

TIMOTHY: 77.00-150.00.

CLOVER: 117 00.

ORCHARD GRASS: 87.00-125.00.

STRAW: 65.00-135 00.

EAR CORN: 78.00-89.00.

OATS: 2.10-2 40 BU.

This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland across from the prior sale location. Auction time is 10 00 a m. Monday.

Frederick Co. Hay

Buckeystown, Md.

Thursday, Jan. 3, 1991

Report Supplied by Auction

44 LOADS. CLOUDY; MARKET STEADY; DEMAND FAIR.

ALFALFA: 4 LOADS FAIR, 70.00-95.00.

ALFALFA MIX: 2 LOADS FAIR TO GOOD, 92.00-102.00

TIMOTHY HAY: 9 LOADS FAIR TO GOOD, 72 00-106.00, 8 FAIR SOME DAMAGED 40.00-60 00.

MIXED HAY: 2 LOADS GOOD, 70 00-80.00, 1 DARK, 40.00.

ORCHARD GRASS. 2 LOADS GOOD, 70.00 AND 100.00, 3 FAIR, 59.00-67 00

GRASS HAY: 2 LOADS FAIR, 50 00 AND 60.00.

STRAW: 2 LOADS FAIR, 65.00 AND 82 00.

WOOD: 6 LOADS SPLIT OAK, 70 00-91 00 CORD; 2 LOADS MIXED 62.00 AND 67.00 CORD

Green Dragon Hay

Ephrata, Pa.

Friday, Dec. 28, 1991

Report Supplied by Auction

TOTAL LOADS: 18.

MIXED HAY: 81.00-140 00.

ALFALFA: 84.00-95.00.

TIMOTHY: 86.00-105 00

EAR CORN: 82.00.

STRAW: 80 00-86 00

Good's Hay

Leola, Pa.

Wed., Jan. 2, 1991

Report Supplied by Auction

133 LOADS

ALFALFA: 69 00-131 00.

MIXED HAY. 60 00-143 00

TIMOTHY: 66.00-122.00.

STRAW. 58.00-111.00

CORN 75 00-81 00

GRASS. 71 00.

OATS 1 90-2.35 BU

CLOVER. 67.00

Vintage Hay

Paradise, PA

Thurs., Jan. 3, 1991

Report Supplied by Auction

22 LOADS.

ALFALFA· 140.00-160.00

TIMOTHY: 67.50-90 00.

MIXED HAY: 72.50-137.50.

GRASS HAY: 70.00-107.50.

CLOVER: 90.00.

STRAW: 65.00-76.00.

North Jersey Market

Hackettstown, N.J.

Wednesday, Jan. 2, 1991

Hay—Straw & Grain Report

MIXED HAY: 1.10-2.25 BALE.

TIMOTHY HAY: 1.60 AND 1.70 BALE.

GRASS HAY: 1.25-1.50 BALE.

SHELLED CORN: 6.50 AND 7.00 BAG.

TOTAL: 13 LOADS.

Westminster Hay

Westminster, Md.

Tuesday, Jan. 1, 1991

Report Supplied by Auction

TOTAL LOADS: 90.

ALFALFA. 95.00, 1 60-3.10 BALE

ALFALFA MIX: 100 00, 1 80-2 15 BALE

TIMOTHY 80 00-85 00, 1 10-2 05 BALE

TIMOTHY MIX: .95-1 85 BALE

TIMOTHY ROUND BALES 20 00-22 00 EACH.

ORCHARD GRASS: 1 00-1.70 BALE

CLOVER HAY· 69 00, 1 20-1 70 BALE

STRAW: 1 00-2 20 BALE

EAR CORN 44 00 PICK-UP LOAD

WOOD 55 00-86 00 CORD

Belleville Hay

Wednesday, Jan. 2

Belleville, PA

Report Supplied by Auction

TOTAL LOADS 56 LDS HAY

ALFALFA. 82 50-107 50

MIXED HAY: 40 00-120 00

STRAW 55 00-75 00

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12:45 P.M.
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N.E. Weekly Shell Egg Report

Wednesday, Jan. 2

Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N HAMP.	1.17-1.21	1 16-1.20	1.02-1.06	.68-.72
MOSTLY	1.19-1.20	1.18-1.19	1 04-1.05	.70-.71
RHODE ISLAND	1.20-1 24	1.19-1 23	1 05-1.09	71-.75
MOSTLY	1.20	1.19	1 05	.71
VERMONT	1.15-1.25	1.12-1.20	.99-1.10	
MOSTLY	1.15	1.12	1.10	
MAINE	1 24-1.26	1.23-1.25	1.09-1 11	.75-.77

National Egg Market

Wednesday, January 2, 1991

NATIONAL EGG MARKET - AT A GLANCE: Prices were unchanged. The market tone was steady. Demand was fair to good, mostly moderate to fairly good as restocking and features provided the best movement. Supplies were usually adequate with some shortages of graded large and extra-large. Inter-dealer trades were generally at steady terms. Breakers received more shell egg offerings at unchanged prices.

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Lancaster Farming (ISSN 0023-7485) is published weekly for $15 00 per year; $28 00 - 2 years by Lancaster Farming, P O. Box 609 1 E Main Street, Ephrata, PA 17522 Second Class postage paid at Ephrata, PA 17522 POSTMASTER: Send address changes to LANCASTER FARMING, 1 East Main Street, P.O. Box 609, Ephrata, PA 17522.

Phone Lititz (717)626-1164 or Ephrata (717)733-6397, Lancaster (717) 394-3047

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Heinsey's Poultry

Roots, East Petersburg

Monday, December 31, 1990

Muscovy Ducks, Drakes range .80-.92.
Hens .70-.78.
Red Fowl: 4-4.5# .40-.54; 5-6# .60-.82.
Crossbred Fowl: 5-7# .40-.62.
Banty Roosters 3.00-5.00 ea.
Banty Hens 1.50-2.25 ea.
Guinea Pigs 1.00-2.50 ea.
Guinea Fowl .50-.75.
Pigeons 2.00-2.25 ea.
Rabbits: 4-6# 1.20-1.48; 7-11# 1.10-1 32.
Leghorn Hens .15-.20.
Bunnies 1.00-2.00 ea.
Doves 2.50-4.00 ea.
Silkies 4.50-5.10 ea.
Total Coops Sold 220.

Hackettstown Poultry & Egg

Hackettstown, N.J.

Wednesday, Jan. 2, 1991

Report Supplied by Auction

HEAVY FOWL: .70-1.05.
MIXED FOWL: .80-.95.
BANTAMS: 1.00.
BUNNIES, EACH: .70-3.00.
ROOSTERS: 1.30-1.70.
GEESE: .30-.35.
DUCKS: 1.00-1.50.
RABBITS: 1.00-1.80.
PIGEONS, EACH: 3.25-5.00; PER LB. 2.00.
GUINEAS: 1.50.
PULLETS: 1.05.
BROILERS: .35.
ROASTERS: 1.00-1.15.

WHITE EGGS: EXTRA LARGE & JUMBO .83-1.09, LARGE .66-1.00, MEDIUMS .67.

BROWN EGGS: EXTRA LARGE & JUMBO 1.00-1.11, LARGE .80-.95.

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Northeast Chicken Parts

Wednesday, January 2, 1991

NORTHEAST BROILER/FRYER PARTS: PART 1 OF 2: FEDERAL-STATE: Trucklot buying interest was mixed and selective and fairly good overall. Supplies of boneless skinless breasts were adequate and generally well balanced at today's higher prices. Whole breasts were adequate to barely adequate and spot trades were noted with premiums. Legs were adequate. Leg quarters were no more than adequate for the fairly heavy retail promotions in place. Wings remained short, particularly yellow supplies. Thighs and drums were at least adequate; however, buyers interest centered more on thighs and some sellers offered package deals on both items.

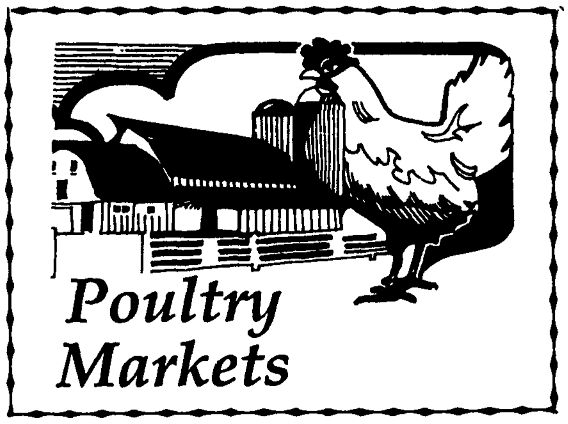
TODAYS NEGOTIATED SALES AS OF 11:30 A.M., PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES:

ITEM CURRENT NEGOTIATED TRADING BREASTS BONELESS SKINLESS 165-170 WITH RIBS 74-75 LINE RUN 74 LEGS 38-39 LEG QUARTERS 29-30 THIGHS 35-36 DRUMSTICKS 27-28 WINGS 75 BACKS & NECKS 10-12 LIVERS 15 GIZZARDS (HEARTS) 35.

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES: CURRENT ITEM NEGOTIATED TRADING* WEIGHTED AVG.** VOLUME/LBS. BREASTS BONELESS SKINLESS 165-170 176.28 234,000 WITH RIBS 74-75 77.63 347,400 LINE RUN 74 74.92 225,000 LEGS 38-39 40.33 394,200 LEG QUARTERS 29-30 28.92 576,000 THIGHS 35-36 34.76 91,800 DRUMSTICKS 27-28 29.08 43,200 WINGS 75 78.58 315,000 BACKS & NECKS 10-12 10.65 36,000 LIVERS 15 20.71 25,200 GIZZARDS (HEARTS) 35 35.50 32,400

*TODAY'S NEGOTIATED SALES AS OF 11:30 A.M. **WEIGHTED AVERAGE PRICE OF ALL GRADES AND BRANDS OF PRODUCT SHIPPED, OR TO BE SHIPPED FROM PROCESSORS AS OF 2:00 P.M. DAY OF REPORT. (INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT AND RHODE ISLAND).



Poultry Markets

Weekly New York Egg Market Northeast Quotes

From Fri., Dec. 29 to Thurs., Jan. 3

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	1.09	1.09	C	1.09	1.09
EX. LARGE	1.06	1.06	L	1 06	1 06
LARGE	1.03	1.03	O	1 03	1.03
MEDIUM	.91	.91	S	91	.91
PULLETS	.75	.75	E	.75	75
OFF GRADE	.91	.91	D	91	.91
BROWN					
EXTRA LARGE	1.09	1.09		1 09	1 09
LARGE	1.05	1.05		1 05	1 05
MEDIUM	.95	.95		.95	95
OFF GRADE					
UNDERGRADES					
AND CHECKS	.54	.54		54	54

BREAKING STOCKS: FRI. 48-50 LBS 65 00-67 00, 50 LBS AND UP 67 00-68 00.

Delmarva Broiler Fryer Report

Wednesday, January 2, 1991

DELMARVA BROILER FRYER MARKET: FEDERAL/STATE: Movement of ready-to-cook broiler fryers was fairly good today. Supplies were adequate for immediate needs. Less than trucklot asking prices were competitive at 48-62 cents. Live supplies were adequate. Average live weights ranged desirable to heavy. Processing schedules were heavy. Trade sentiment was fully steady. In the parts complex, supplies of wings were tight, dark meat and whole breasts were barely adequate to adequate. Boneless skinless breasts were adequate.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000).

ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG. WGT. 1/2 12/31 12/31 12/26 12/24 2,176 1,906 4.64 2,057 4.49.

ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG. WGT. 1/1 12/28 12/28 12/25 12/21 HOLIDAY 2,601 4.59 HOLIDAY 4.46.

NEW YORK MULTIPLE DROP BROILER REPORT: CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA BRANDED BRANDED U.S. GRADE A U.S. GRADE A 1/2 1/1 RANGE 48-62 HOLIDAY WEIGHTED AVERAGE 54.27 NO. OF BOXES 10,974.

New England Shell Eggs

Wednesday, January 2, 1991

Prices were unchanged. Trade sentiment was steady. Demand continued fairly good, and supplies were generally adequate and in better balance.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN: RANGE JUMBO .99-1.02, EX LARGE .91-.94, LARGE .90-.93, MEDIUM .76-.79, SMALL .42-.45.

BOSTON: PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN: A EXTRA LARGE 1.10-1.12, A LARGE 1.09-1.11, A MEDIUM .95-.97.

Eastern PA & NJ Poultry Report

Atlanta, Georgia

Wednesday, January 2, 1991

NORTHEAST LIVE HEN MARKET FEDERAL-STATE: Sales too few to report. Offerings adequate for needs. Demand moderate. Undertone unsettled.

CENTS PER POUND, GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK: LIGHT TYPE AT FARM (PRODUCER LOADING) TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT.

HEAVY TYPE (7 POUNDS AND UP) AT FARM (BUYER LOADING) TOO FEW TO REPORT AT FARM (PRODUCER LOADING) TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT.

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New York & Philadelphia Frozen Egg Report

Friday, December 28, 1990

NEW YORK AND PHILADELPHIA FROZEN EGG REPORT: FEDERAL-STATE: The market tone was fully steady to firm reflecting higher costs of raw materials. Trading activity was limited as most buyers limited receipts to immediate needs. Breaking stock was limited but not aggressively sought as most processors worked holiday shortened schedules. Supplies were for the most part in balance with needs.

Wholesale Selling Prices (Cents Per Pound In 30 Lb. Containers) Class Trucklots LTL (Min. 25 Cont.) Whole 67-71 Mostly 69-70 72-78 Blends (/) - Mostly - 72-82 Whites 46-49 Mostly 46-48 49-57 Yolks (Min. 43% Solids) Sugared 77-80 Mostly 78-79 80-85 Salted 72-75 Mostly 73-75 75-80 (/)-Whole Plus Yolk Plus Sweetener, Generally 28-32% Egg Solids.

Philadelphia Eggs

Thursday, Jan. 3, 1991

Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT CONTINUED STEADY DEMAND WAS MOSTLY MODERATE AT ALL LEVELS AS ORDERING AND DELIVERY RESUMED A MORE NORMAL PACE. SUPPLIES WERE ADEQUATE. INTER-DEALER TRADING WAS MODERATE AT STEADY TERMS FOR THE ADEQUATE BUT NOT EXTENSIVE OFFERINGS A EXTRA LARGE 98½-1.01, A LARGE .96½-.99, A MEDIUM .84½-.86.

New York Egg Market

Wednesday, January 2, 1991

NEW YORK EGGS: FEDERAL-STATE: Prices were unchanged.

Trade sentiment was steady. Orders were fairly good with an active fill-in demand and a few continued retail specials. Offerings were slightly more available and prices were generally at steady terms. Floor stocks were about adequate. The New Jersey inventory was 7% above last Monday's level, and the New York inventory was 18% above last week.

PRICES TO RETAILERS- SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN: A EXTRA LARGE 1.01-1.03, A LARGE .98-1.01, A MEDIUM .86-.89.

Dewart Hay

Dewart, PA.

Monday, Dec. 31, 1990

Report Supplied by Auction

17 LOADS OF HAY, 51.00-100 00.

STRAW: 9 LOADS, 50.00-63 00.

WOOD 9 LOADS, 23 00-75.00 LOAD.

CORN· 68.00.

OATS 3 LOADS, 1.55-1.85 BU.

Keister's Hay

Middleburg, PA

Tuesday, Jan. 1

Report supplied by auction

MIXED HAY· 48 LOADS, 50 00-175.00

STRAW 18 LOADS, 50 00-70 00

EAT CORN· 4 LOAS, 82.50-90 00

OATS· 5 LOADS, 1.80-2.05 BU.

Leinbach's Hay

Shippensburg, PA

Dec. 29 and Jan. 1

Report Supplied by Auction

TOTAL LOADS: 67.

ALFALFA: 80.00-160.00.

MIXED HAY: 70.00-143 00.

TIMOTHY· 67.00-89.00.

COVER: 69.00-71.00.

GRASS: 59.00-83.00.

STRAW: 51.00-105.00.

WOOD. 31.00-43.00 PICK-UP LOAD

Peoria Hogs

Peoria, Illinois

Thursday, January 3, 1991

FEDERAL-STATE OPENING, MID-SESSION AND CLOSE HOGS: 1800 TRADING MODERATE. BARROWS AND GILTS .50 LOWER COMAPRED WITH WEDNESDAY. SUPPLY MAINLY US 1-3 230-260 LBS.

US 1-3 220-250 LBS. 47.00-47.50 2-3 230-260 LBS. 46.50-47.00 260-280 LBS. 44.50-46.50.

SOWS: UNDER 400 LBS. .50 TO 1.00 LOWER. OVER 400 LBS. UNEVENLY 2.00 TO 7.00 LOWER 26%.

US 1-3 325-400 LBS. 39.50-40.50 400-500 LBS. 40.00-42.00 500-650 LBS. 43.00.

BOARS: OVER 350 LBS. 39.50-40.50 UNDER 350 LBS. 41.00-42.00.

HOG 214: HC 47.00-47.50 HD 47.00-47.50 HE 47.00-47.50 HI 47.00-47.50 HJ 47.00-47.50 HK 47.00-47.50 HQ 46.50-47.00 HR 45.50-46.50 VV 39.50-40.50 WW 40.00-42.00 XX 43.00-43.00 YY 43.00-43 00 ZZ 39.50-40.50.

Greencastle Livestock

Greencastle, Pa.

Thursday, December 27, 1990

Report Supplied by PDA

SLAUGHTER CATTLE RECEIPTS. 459 HD.

SLAUGHTER STEERS. 40 HD. TREND: STEADY TO 1.00 LOWER. HIGH CHOICE & PRIME 2-4, CHOICE 2-3 950-1075 LBS. 75 00-78.00, CHOICE 2-3, 1075 TO 1375 LBS. 76.00-81.00; CHOICE 2-3, OVER 1375 LBS 74 00-79 00; CHOICE 4, ALL WEIGHTS 72.00-76 00, SELECT & CHOICE 1-2, 950-1100 LBS 70.00-72 75; SELECT & CHOICE 1-2, 1100 TO 1375 LBS 68.00-73.00, SELECT & CHOICE 1-2, OVER 1375 LBS. 68 00-73.50. HOLSTEINS· CHOICE 2-3, 1050-1450 LBS. 65 00-71.00; SELECT 1-2, 1050 TO 1450 LBS. 60.00-64.50. SLAUGHTER HEIFERS 20 HD. TREND: STEADY TO LOWER, CHOICE 2-3 850-1000 LBS. 62 00-70 00; CHOICE 2-3, 1000-1250 LBS 70 00-76.00; CHOICE 4, ALL WEIGHTS 70.00-74 00; SELECT & CHOICE 1-2, 850-1000 LBS. 67 00-71 00, SELECT & CHOICE 1 2, 1000-1250 LBS. 65 00-72 00. HOLSTEINS. CHOICE 2-3, 1000-1350 LBS 62 00-68 00, SELECT & CHOICE 1-2, 1000-1350 LBS. 56 00-61.00 SLAUGHTER BULLS 12 HD TREND 3 00 HIGHER, YIELD GRADE 1, ALL WEIGHTS 64 00-69 00, YIELD GRADE 2, ALL WEIGHTS 58 00-63.50 BULLOCKS O HD COWS 387 HD TREND 3 00 HIGHER BREAKING UTILITY & COMMERCIAL 52 00-57.00, CUTTER & BONING UTILITY, 52 00-58.50, CANNER & LOW CUTTER 51 00 & DOWN.

STOCKER & FEEDER CATTLE RECEIPTS: 19 HD TREND NOT ENOUGH FOR TEST.

CALVES: 809 HD. VEAL CALVES; TREND STEADY; CHOICE 150-300 LBS. 1 AT 42.00; GOOD 150-300 LBS 75.00-86.00; GOOD 100-150 LBS. 65.00-74.00; GOOD 80-100 LBS 45 00-52.00; STANDARD 80-100 LBS 40 00-45 00; STANDARD, 80 LBS & DOWN 39.00 & DOWN.

CALVES RETURNING TO THE FARM TREND: STEADY. HOLSTEIN BULLS OVER 100 LBS. UP TO 145.00, UNDER 100 LBS. UP TO 139 00; HOLSTEIN HEIFERS, OVER 100 LBS. UP TO 165 00, UNDER 100 LBS UP TO 115.00; BEEF TYPE BULLS, OVER 90 LBS UP TO $160 00; BEEF TYPE HEIFERS, OVER 90 LBS. UP TO 100 00.

SHEEP & LAMBS 92 HD. LAMBS: TREND STEADY, CHOICE 80-100 LBS. 45.00-47.00, 100 TO 120 LBS. 39.00-43 00, 120 & OVER NONE; MEDIUM & GOOD. ALL WEIGHTS 38.00-43.50, FEEDER LAMBS 60-85 LBS. 48.00-51.00; LIGHT LAMBS, NONE, CULL LAMBS, NONE SHEEP EWES, LEAN 18.00-22 00, EWES, FAT NONE, YEARLINGS 28 00-33 00, BUCKS 18.00-21 00.

GOATS: 20 HD SMALL 15 00-29 00, MEDIUM 30 00-50 00, LARGE 50 00-75 00

HOGS, SOWS & BOARS 110 HD HOGS BARROWS & GILTS TREND STEADY, 210-250 LBS 46 00 47 00, 250-260 LBS 44 00 46 00, 260-270 LBS 42 00-44 00, 270-300 LBS 40 00-43 00 LIGHT HOGS 140 180 LBS 40 00-42 00, 180 210 LBS 41 00 43 50 SOWS TREND 2 00 HIGHER, GOOD SOWS, UNDER 400 LBS 40 00-44 50, GOOD SOWS, OVER 400 LBS 41 00-45 00, CULL SOWS, ALL WEIGHTS 40 00 AND DOWN BOARS TREND STEADY-1 00 HIGHER, 180-210 LBS 35 00-38 00, 210-260 LBS 36 00-39 00, 260-300 LBS NONE, 300 LBS & OVER 35 00

FEEDER PIGS (BY THE HEAD) 60 LBS & OVER BY THE LB 42 00-55 00

SALE EVERY MONDAY AT 2 00 PM & EVERY THURSDAY AT 1 00 PM HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11 30 AM SPECIAL FEEDER CATTLE SALE FRIDAY, JAN 4, 1991 AT 7 15 PM SPECIAL FEEDER PIG SALE SATURDAY, JAN 26, 1991 AT 1 00 PM

Demanding Farmers Will Be Planting Proven Funk's G Brand Hybrids, Too

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Funk's
Funk

As a demanding farmer, you know a winning hybrid when you see it. That s why you demanded new Funk G Brand hybrids like 4472, 4530 and 4624. In fact, your demand was so high, we've **sold out** of these new hybrids.

But don't forget some of our proven performers like 4393, 4543 and 4626. They've been pleasing demanding farmers for years now. Why?

Because they, too, are backed by demanding CIBA-GEIGY research. That's why they're good enough to carry the CIBA-GEIGY reputation for quality.

And like our newer hybrids, they deliver a performance package of more than just big yields You'll get standability, disease resistance, plant health, dry-down and much more

That's why demanding farmers will be planting these proven Funk G Brand hybrids. Shouldn't you be one of them?

Call us today. Our proven performance will meet your demands.

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4393

105-day hybrid. Big yields and fast dry-down make it an excellent choice for grain in 100- to 115-day maturity areas. Its strong stalks and roots stand up to heat and drought stress.

4543

114-day hybrid. One of the most consistent Funk hybrids ever produced. Offers wide adaptation, while harvesting easily for shelled grain or ear corn Good standability.

4626

118-day hybrid. Used by more than 12,000 Pennsylvania farmers. Delivers superior standability, fast dry-down and high test weight. Good disease resistance Produced the #2 yield nationally in the 1989 National Corn Grower's Association yield contest

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CIBA-GEIGY
Seed Division

Hoffman Seeds, Inc.
Landisville, PA 17538
Dependable Seeds From Dependable People

The limitation of warranty and remedy on the tag attached to each bag of Funk s G Brand hybrids and Hoffman Seed sold is a part of the terms of sale thereof
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R.D. #1, Box 139
Marietta, PA 17547

Belknap Livestock Auction

Dayton, Pa.

Wednesday, January 2, 1991

Report Supplied by PDA

CATTLE 56...PDA...Compared with last weeks market: Few Standard slaughter steers 62.00-68.00 Few Breaking Utility and Commercial sl. cows 49.00-51.50, Cutter and Boning Utility 46.00-50.25, Canner and low Cutter 37.75-45.00, Shells down to 35.00. Individual Yield Grade No. 2, 1540 lbs. sl. bulls 55 25. FEEDER CATTLE: Few Medium & Large Frame No. 1, 390/450 lbs. bulls 75.00-85 00, few Large No. 1, 745/860 lbs 63 00-67.75.

CALVES 115. . Supply included 85% farm calves sold to return to farm . .Standard and Good 60/110 lbs. vealers 45.00-55 00. Farm Calves: No 1, Holstein Bulls 90/130 lbs. 95.00-153.00, one 160 00, 80/85 lbs. 80 00-100.00, No. 2, 90/120 lbs. 55 00-96 00; few No. 1, Hol Heifers 95/130 lbs. 100.00-147.50, 75/90 lbs. 60.00-95.00. Beef cross 65/110 lbs. bulls & heifers 67 00-115.00, one 142.50

HOGS 179...Barrows amd gilts: Couple Lots US No. 1-2 250 lbs. 48 00, 1-3 230/275 lbs. 47.00-47 90, 2-3 230/270 lbs. 45 40-47 00, small lot 1-3 210 lbs. 43 25. Sows US No. 1-3 425/665 lbs. sows 38 25-40.00, one 44.0, one 2-3 340 lbs. 36 25 Few Boars 30 00-33.00.

FEEDER PIGS 30 ..US No. 1-3 35/50 lbs feeder pigs 35 00-46.00 - all per head.

SHEEP 9. .Few Choice 50/95 lbs. wool slaughter lambs 45 00-51.00. Few Slaughter sheep 5 00-14 50 - all Cwt

GOATS 2 One Large Billy 71.00, one Large Nanny 40 00 - all per head

New Wilmington Livestock Auction

N. Wilmington, Pa.

Monday, December 31, 1990

Report Supplied by PDA

CATTLE 218 ..PDA . Few Select Holstein steers 66.75-68 00, few Standard 68 00-71 50. Select sl. heifers 68.00-72 00, few Standard 60.00-62 00 Breaking Utility & Commercial sl cows 49.50-53.50, one 55.00, Cutter & Boning Utility 46 00-51.00, Canner & Low Cutter 38 50-46.50, Shells down to 20 00 Few Yield Grade No 1, 1325/1950 lbs. sl bulls 60.00-64.50. Feeder Cattle: Few Medium & Large Frame No. 1, 300/550 lbs. steers 73.00-80.00, few 89.00-96.00, few Medium No. 2, 300/500 lbs. 69 00-74.00. Medium & Large Frame No. 1, 300/485 lbs heifers 66 00-74.00, few 79 00.

CALVES 242...Standard & Good 90/120 lbs. vealers 46 00-53.00, 60/85 lbs. 30.00-47.00, lot Utility 55 lbs. 20 00. Farm Calves· Hol. Bulls No. 1, 85/140 lbs. 105.00-161.00, lot 80 lbs. 100 00, #2, 90/120 lbs. 61 00-100.00; No. 1, Hol. Heifers 90/125 lbs. 100.00-120 00, few No. 2, 75/100 lbs. 60.00-75 00. Beef cross 60/120 lbs. bulls & heifers 55 00-100.00, few 165 00.

HOGS 311...Barrows and gilts: US No. 1-2 220/250 lbs. 46.50-47.50, 1-3 225/265 lbs. 45.00-46.50, 2-3 240/275 lbs. 44.00-45.25, lot 305 lbs. 43 00. Sows: US No. 1-3 280/585 lbs. sows 42.00-46.50, few 49.00. Couple Boars 32.00&34.50.

FEEDER PIGS 44. US No. 1-3 35/50 lbs. feeder pigs 30 00-47.00 --- all per head.

SHEEP 72...High Choice and Prime 70/90 lbs. wool slaughter lambs 60.00-68.00, Choice 60/85 lbs. 52.00-62.50, mixed Good and Choice 100/125 lbs. 30.00-40.00; few Good & Choice 55/70 lbs. feeder lambs 42.00-56 00 - all cwt. Slaughter sheep 14.00-30.00.

GOATS 5...Few Medium 30.00-40.00 --- all per head.

Leesport Livestock Auction

Leesport, Pa.

Wednesday, January 2, 1991

Report Supplied by PDA

CATTLE 275...PDA... Supply included 65 slaughter steers and 18 feeder cattle steady to weak. Choice 1165/1425 lbs. sl steers 79.00-83.85, few 74.85, Select 70.00-77.25; Choice 1250/1600 lbs. Holsteins 69.00-75.25, Select 65.00-69.00, Standard 60.60-65.25. Few Choice sl. heifers 75.00-79.25, few Select 69.75-72.75, few Select & Choice Holsteins 63.00-64.75, few Standard 56.00-61.25. Breaking Ut. & Commercial sl. cows 51.75-55.25, few 59.50, one 65.00, low dressing 47.25-51.75, Cutter & Boning Utility 48.00-54.00, low dressing 42.50-47.50, Canner & low Cutter 46 25-49.25, Shells down to 34.50. Few Select and Choice Holstein bullocks 60.75-63.75, Standard 58.00-61.75. Few Yield Grade No. 1, 1460/1940 lbs. sl. bulls 60.00-70.25. Feeder Cattle: Few Large Frame No. 2, 700/980 lbs. steers 58.50-60.50. Few Large and Medium Frame No. 1, 450/700 lbs. steers and bulls 64.25-78.50.

CALVES 189 ..Few Choice vealers 101.00-120 00, few Standard & Good 65/105 lbs 42 00-45 50, few Utility 60/80 lbs. 36 00-42 00 Farm Calves: No 1, Holstein Bulls few 130/135 lbs. 102 50-120.00, 90/125 lbs 139.00-150.00, few 80/85 lbs 92 50-112.50, No. 2, 90/120 lbs. 85 00-140, few 60.00, 80/85 lbs 85.00-95, few 50 00, No 1, few 100/115 lbs. heifers 135.00-145.00, few No. 2, 80/110 lbs. 77.50-105.00. Beef cross 90/130 lbs. bulls & heifers 120.00-150.00

HOGS 326...Barrows and gilts: weak to .75 lower. US No. 1-2 215/255 lbs. 45.75-46 00, lot 46.85, 1-3 225/255 lbs. 45.00-45.85, few lots 43.25, few 1-3 170/185 lbs. 36.00-36.75. SOWS: US No. 1-3 300/480 lbs. sows 39.75-42.00, few 45.50, 500/700 lbs 42.00-43.00, Medium 270/470 lbs. 35.50-40.00. Boars 36.00-37.25.

FEEDER PIGS 215...US No. 1-3 20/25 lbs. feeder pigs 135.00-155.00, 30/35 lbs. 100.00-110.00, 35/65 lbs. 85.00-90, few 75.00 --- all per hundredweight.

SHEEP 19...Few Choice 110/125 lbs. wool slaughter lambs 53.00-58.00, couple 50/65 lbs. 69.00&70.00, lot Choice 137 lbs. 46.00. Few Slaughter sheep 21.00-28.00.

GOATS 3...Few Large 40.00-90.00 --- all per head.

Four States Livestock

Hagerstown, Md.

Wednesday, Jan. 2, 1991

Report supplied by Auction

SLAUGHTER COWS: UTILITY 48.00-53.00; LOW DRESSING 45.00-48.00; HIGH DRESSING TO 55.25; CANNERS 44.00-48.00; SHELLY 44.00 DOWN.

BULLS: YG#1 1800-2200 LBS. 63.50-68.00.

FED STEERS: HIGH CHOICE 1100-1300 LBS. 76.00-82.00; SELECT 67.00-72.00; STANDARD 60.00-64.00.

FED HEIFERS: SELECT 850-1100 LBS. 63.00-68.00.

VEAL CALVES: CHOICE 170 LBS. 96.00; GOOD 80.00-90.00; CULLS 80-110 LBS. 42.00-49.00; 50-80 LBS. 38.00-43.00; WEAK AND ROUGH 37.00 DOWN.

FARM CALVES, HOLSTEIN BULLS: #1 95-125 LBS. 130.00-164.00; #2 80-110 LBS. 80.00-125.00; HOLSTEIN HEIFERS 90-125 LBS. 115.00-157.00; BEEF X BULLS 80 LBS. TO 122.00.

BUTCHER HOGS: #1 AND 2 240 LBS. 47.00-48.000; #1 AND 3 215-260 LBS. 45.00-46.00; #2 AND 3 43.00-45.00; 270-300 LBS. 44.00-45.00; 1 LOT #2 AND 3 318 LBS. 42.00.

SOWS: 300-500 LBS. 41.00-43.50; 500-700 LBS. 43.00-45.00.

BOARS: 34.00-35.25.

STOCK CATTLE, STEERS: FEW 300 LBS. AT 90.50; 600-800 LBS. TO 78.00; 800-950 LBS. 64.00-72.50.

HOLSTEINS: 200-400 LBS. 77.00-91.00.

HEIFERS: 300-500 LBS. 66.00-75.00; 2 AT 84.50; 500-700 LBS. 64.00-74.00; 700-900 LBS. 60.00-66.00.

BULLS: 800-900 LBS. 56.00-59.00.

DAIRY REPLACEMENTS: LARGE SPRINGERS 950.00-1185.00; MEDIUM 700.00-950.00; FRESH COWS 660.00-800.00; SHORTBRED 400.00-710.00.

HOLSTEIN HEIFERS, BY THE POUND: 150-300 LBS. 95.00-114.00; FEW 550 LBS. 88.00.

LAMBS: CHOICE 50-60 LBS. 76.00-79.00.

GOATS: LARGE TO 97.00; MEDIUM TO 65.00.

PIGS AND SHOATS: BY THE HEAD, 20-30 LBS. 25.00-37.00; 30-50 LBS. 35.00-51.00; 50-70 LBS. 46.00-54.00; BY THE POUND, 115 LBS. 50.00; 187 LBS. 47.00.

STOCK BOARS: 215-260 LBS. 38.00-40.00.

NOTE: JAN. 9 SALE 1 HEREFORD-SIMMENTAL BULL 1 YR. OLD, 1000 LBS.; 15 HEAD HEREFORD AND BLACK/WHITE FACE STEERS AND HEIFERS 500-800 LBS. HAD SHOTS AND WORMED.

Morrisons Cove Livestock

Martinsburg, Pa.

Dec. 31, 1990

Report supplied by auction

MARKET REPORT UNAVAILABLE DUE TO HOLIDAY.

HOSTETTER PORK
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HORSE SALE
FRI. JAN. 18, 1991
10:00 A.M.
Tack 9:00 A.M.

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

SPECIAL DAIRY SALE
WED. JAN. 9, 1991
SEE SPECIAL
CONSIGNMENTS
PAGE F38

LIVESTOCK IS OUR ONLY BUSINESS

MONDAY
SLAUGHTER HOGS
EARLY BIRD HOG SALE
8:00 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc.
See them weighed, sold and pickup your check.

10:00 AM
HORSES MULES

1:30 PM
BEEF SALE
SHEEP
CALVES

WEDNESDAY
DAIRY COWS
11:00 AM
COW SALE 12:00 NOON
HEIFERS BULLS
We have the usual run of 50 to 100 Heifers, all ages.
Loads of fresh cows and springers from our regular shippers.
Also some local fresh cows and springers.

1:30 P.M.
FEEDER PIG SALE
Pigs are accepted after 6:30 A.M. State graded from 8 to 12
Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

THURSDAY
Beef Auction
10:00 A.M.
BULLS
STEERS
BEEF COWS
STOCKERS
&
FEEDERS

12:30 P.M.
SHEEP
GOATS
CALVES

NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster Off Route 23, New Holland, Penna.
MANAGERS
Norman & David Kolb - 717-397-5538
Field Representatives
Luke Eberly - 215-267-6608 738-1865
Homer Eberly - 215-267-3047
Sale Barn Officer Manager
Roger Floyd - 717-354-4341
Order Buyer
Paul Good - 215-445-6662
Feeder Pig Representative
Mel Hoover - 717-354-8397

Estimated Daily Livestock Slaughter

Under Federal Inspection

Jan. 2, 1991

	CATTLE	CALVES	HOGS	SHEEP
WED., 1/2/91 (EST)	117,000	8,000	311,000	23,000
WEEK AGO (EST)	117,000	6,000	318,000	23,000
YEAR AGO (ACT)	130,000	9,000	333,000	24,000
WEEK TO DATE (EST)	199,000	12,000	573,000	39,000
SAME PD LT WK (EST)	127,000	10,000	443,000	31,000
SAME PD LT YR (ACT)	258,000	18,000	645,000	48,000

*** REVISION CATTLE SLAUGHTER FRIDAY 12/21/90, 117.00.
WEEK ENDING 12/22/90, 648.00.

	CATTLE	CALVES	HOGS	SHEEP
Tuesday, 01/01/91 (Est)	2,000	0,000	4,000	0,000
Week Ago (Est)	0,000	0,000	0,000	0,000
Year Ago (Act)	125,000	9,000	311,000	24,000

** REVISION HOG SLAUGHTER, MONDAY, DECEMBER 31, 1990 - 258,000
SHEEP SLAUGHTER, DECEMBER 31, 1990 16,000

Pa. Grain

Monday, Dec. 31, 1990

Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: CORN UNEVEN, MOSTLY STEADY TO .03 HIGHER; WHEAT STEADY TO STRONG; BARLEY AND OATS STEADY TO .04 LOWER; SOYBEANS STEADY TO .06 LOWER; AND EAR CORN MOSTLY STEADY.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.20-2.60, AVERAGE 2.45; @WHEAT NO. 2 RANGE 2 55-2.95, AVERAGE 2.72; BARLEY NO. 3 RANGE 1.90-2.15, AVERAGE 2.00; OATS NO. 2 RANGE 1.25-1.70, AVERAGE 1.45, SOYBEANS NO. 1 RANGE 5.26-5.75, AVERAGE 5 51; FEW REPORTED GR. SORGHUM #2 RANGE 2.20, AVERAGE 2.20; FEW REPORTED NEW EAR CORN RANGE 55.00-75.00, AVERAGE 65.54.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.20-2.50, AVERAGE 2.35; @WHEAT NO. 2 RANGE 2.50-2.70, AVERAGE 2.58; BARLEY NO. 3 RANGE 1.95-2.22, FEW REPORTED 1.60, AVERAGE 2.00; OATS NO. 2 RANGE 1.20-1.50, AVERAGE 1.30; SOYBEANS NO. 1 RANGE 5.45-5.50, AVERAGE 5.48; FEW REPORTED NEW EAR CORN RANGE 50.00-70.00, AVERAGE 60.00.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.20-2.60, AVERAGE 2.44; @ WHEAT NO. 2 RANGE 2.50-2.90, AVERAGE 2.67; BARLEY NO. 3 RANGE 1.90-2.22, AVERAGE 2.00; OATS NO. 2 RANGE 1.20-1.68, AVERAGE 1.41; SOYBEANS NO. 1 RANGE 5.25-5.90, AVERAGE 5.51; FEW REPORTED NEW EAR CORN RANGE 54.00-75.00, AVERAGE 62.89.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.40-2.60, AVERAGE 2.48; @WHEAT NO. 2 RANGE 2.50-2.82, AVERAGE 2.67; BARLEY NO. 3 RANGE 1.95-2.15, AVERAGE 2.03; OATS NO 2 RANGE 1.20-1.68, AVERAGE 1.44; SOYBEANS NO. 1 RANGE 5.20-5.90, AVERAGE 5.51; FEW REPORTED NEW EAR CORN RANGE 54.00-60.00, FEW REPORTED 75.00, AVERAGE 60.50.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.33-2.85, FEW REPORTED 2.15, AVERAGE 2.48; @WHEAT NO. 2 RANGE 2.53-2.65, AVERAGE 2.59; BARLEY NO 3 RANGE FEW REPORTED 2.01, AVERAGE 2.01; OATS NO. 2 RANGE 1.20-1.85, AVERAGE 1.45; SOYBEANS NO. 1 RANGE FEW REPORTED 5.40, AVERAGE 5.40; FEW REPORTED NEW EAR CORN 50.00-55.00, AVERAGE 52.50.

MONTH AGO

CORN NO. 2-Y 2.36; @WHEAT NO. #2 2.64; BARLEY NO. 3 2 02; OATS NO. 2 1.37, SOYBEANS NO. 1 5.45; FEW REPORTED NEW EAR CORN 56.96.

YEAR AGO

CORN NO. 2-Y 2.76; @WHEAT NO. #2 3.99; BARLEY NO. 3 2.14; OATS NO. 2 1.66; SOYBEANS NO. 1 5.55; FEW REPORTED NEW EAR CORN 70.56.

Regional Hay

Dec. 31, 1990

Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW MOSTLY STEADY.

ALFALFA 70.00-100.00, FEW 135.00; MIXED HAY 60.00-90.00, FEW 125.00; TIMOTHY HAY 60.00-85.00, FEW 100.00; STRAW 40.00-75.00; MULCH 20.00-35.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/28/90. PRICES PER TON: LOADS: 75 HAY, 22 STRAW, AND 4 EAR CORN.

ALFALFA 90.00-112.00; MIXED HAY 64.00-110.00; TIMOTHY HAY FEW REPORTED 77.00-115.00; STRAW 62.00-100.00; EAR CORN FEW REPORTED 72.00-84 00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 12/28/90. PRICES PER TON: LOADS: 0 HAY, 0 STRAW & 0 EAR CORN.

(NOT ENOUGH SALES FOR THE WEEK TO MAKE-UP A SUMMARY!)

Belleville Livestock

Belleville, Pa.

Jan. 2, 1991

Report supplied by Auction

CATTLE: 193 HEAD. STEERS: UTILITY 55.00-64.50.

HEIFERS: UTILITY 48.50-64.00.

BEEF COWS: UTILITY AND COMMERCIAL 50.35-54.10; CUTTERS AND BONERS 48.50-51.00; CNANERS AND LOW CUTTERS 42.75-48.25; SHELLS 39.00.

BULLS: YG#1 55.50-60.50.

FEEDER STEERS: 60.00-69.50.

HEIFERS: 54.50-59.50.

VEAL CALVES: 148. UTILITY 35.00-42 00.

FARM BULL CALVES: #1 130.00-151.00; #2 70 00-125.00.

FAT HOGS: 150. US#1 AND 2 215-260 LBS. 46.00-47.25; US#1 AND 3 200-280 LBS. 43.00-45.75.

SOWS: US#1 AND 3 46.00-49.50; #2 AND 3 34.50-38.50.

FEEDER PIGS: 128. #1 AND 3 29.00-55.00.

SHEEP AND LAMBS: 20. SPRING LAMBS 107.00-111.00; CHOICE 74.00-78.00; GOOD 42.00-50.00; UTILITY EWES 10.00-23.00.

GOATS: 4. 46.00-61.00 HEAD.

DAIRY COWS: 98. 460.00-1420.00 HEAD.

Westminster Livestock Auction

Hagerstown, Md.

Tuesday, Jan. 1, 1991

Report supplied by auction

SLAUGHTER COWS: UTILITY 49.00-54.00; HIGH DRESSING UP TO 56.50; CANNERS 45.00-49.00; SHELLY 45.00 DOWN.

BULLS: YG#1 1865 LBS. 64.25; YG#2 56.00-59.00.

FED STEERS: LOW CHOICE HOLSTEIN X 1200-1400 LBS. 73.00-74.25; SELECT HEREFORD 1100 LBS. 72.00; 1 STANDARD 64.50.

FED HEIFERS: ONE CHOICE 1065 LBS. 74.50; 1 HOLSTEIN 1460 LBS. 69.50; 1 SELECT 1000 LBS. 64.00.

VEAL CALVES: ONE PRIME 265 LBS. AT 106.00; LOW CHOICE 160 LBS. 88.00-93.00; GOOD 80.00-85.00; CULLS 100-120 LBS. 49.00-53.00; 80-100 LBS. 42.00-45.00; 50-75 LBS. 35.00-41.00.

FARM CALVES, HOLSTEIN BULLS: #1 95-125 LBS. 120.00-150.00; #2 80-100 LBS. 60.00-110.00.

HOLSTEIN HEIFERS: 90-120 LBS. 92.00-125.00; BEEF X BULLS 90-120 LBS. 90.00-142.00.

BUTCHER HOGS: #1 AND 2 220-270 LBS. 47.50-48.25; #1 AND 3 215-260 LBS. 46.50-47.50; 260-280 LBS. 44.00; 3 HEAD OF #2 AND 3 320 LBS. 39.50.

STOCK CATTLE: STEERS 2 HEAD 300-400 LBS. 87.00 AND 101.00; 700-800 LBS. 68.00-71.00.

HEIFERS: 300-500 LBS. 69.00-76.00; 500-700 LBS. 65.00-70.00; 700-800 LBS. 61.00.

BULLS: 500-600 LBS. 60.00-67.00; 600-800 LBS. 59.00-64.00.

LAMBS: CHOICE 80-110 LBS. 50.00-52.50; FEEDERS 45-60 LBS. 56.00-62.00.

SHEEP: 19.00-27.50.

GOATS: LARGE 66.00-94.00; MEDIUM 50.00-70.00; SMALL 25.00-38.00.

PIGS AND SHOATS: BY THE HEAD, 35-50 LBS. 35.00-45.00; 50-70 LBS. 41.00-53.00; BY THE POUND, FEW 100 LBS. 55.00-58.00; 140-180 LBS. 44.00-46.00.

STOCK BOARS: 260-280 LBS. 37.00-38.00; 1 345 LB. AT 40.00.

SOWS: 300-500 LBS #1 AND 3 43.00-45.00; #2 AND 3 38.00-40.00; 500-700 LBS. 42.00-46.00.

BOARS: TO 36.25.

East Coast Carlot

Fri., Dec. 28, 1991

Report supplied by USDA

EAST COAST CARLOT MEAT TRADE DELIVERED PRICES (CAF) BOSTON TO WASHINGTON AREA INCLUSIVE.

COMPARED TO LAST WEEK. LAMB 55 LBS. DOWN STEADY; 55 LBS. AND UP 2 00 HIGHER, TRADE SLOW TO A MODERATE DEMAND.

LAMB CARCASS CHOICE AND PRIME (FOB) 24 LOADS

55 LBS. AND DOWN, 115.00.

55-65 LBS., 110 00, 2 00 HIGHER

65-75 LBS , 105.00, 2 00 HIGHER.

75-85 LBS., 95 00-100 00, 2 00 HIGHER.

LAMB CARCASS CHOICE AND PRIME (CAF) 20 LOADS.

55 LBS. AND DOWN, 120 00-120.50, STEADY.

55-65 LBS., 115.00-115.50, 2.00 HIGHER.

65-75 LBS , 110.00-110 50, 2 00 HIGHER.

75-85 LBS., 100.00-105 00, 2 00 HIGHER.

HAY, STRAW & GRAIN SALE
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Auction will continue all year long
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215-458-8518 home
L. Robert Frame, Sr. president
Glenn S. Frame Mgr.

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Tom Mulvaney, Jr.
Easton, PA
(215) 258-1670
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Also - Fat Cattle, Bulls and Steers.
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NJ-Warren, Hunterdon, Sussex
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PHONE (717) 355-7253 (717) 393-4464 (717) 354-3297
NO HAY SALE MONDAY, DECEMBER 24
1991 SPECIAL SALES
1991
FRI. MORNING JAN. 11 .... Farm Show Sale, Harrisburg, Pa Sheep, Swine, Steers.
TUES. JAN. 22
WED. JAN. 23 .... 9:00 A.M. Quilts, Crafts and Buggy Sale (Buggies Sell Tues. At 1:00 P.M.)
FRI. FEB. 8 .... 9:00 A.M. Farm Equipment and Supplies.
SAT. FEB. 16 .... 10:00 A.M. Mules and Farm Equipment ½ Mi. Northwest Of Little Britain For Amos F. Miller (On The Premises)
TUES. FEB. 19 .... 9:00 A.M. Livestock And Farm Equipment Located ½ Mile South Of Nickle Mines, 1 Mile North Of Rt. 896 From Georgetown, Lanc. Co. For Mrs. Jonas King And Reuben B. Fisher. (On The Premises).
TUES. MAR. 5 .... 9.00 A.M. Dairy Cows and Farm Equipment 3 Miles South of Strasburg Along Eisenberger Road for Levi S. Fisher (On The Premises).
SAT. MAY 4 .... 9:00 A.M. Large Collection of Toy Trains and Toy Railroad Items From 1940's To Present. Many Hard To Find Pieces For Gary Martin, Owner

JANUARY 1991

S	M	T	W	T	F	S
-	-	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	-	-
-	-	-	-	-	-	-

FEBRUARY 1991

S	M	T	W	T	F	S
-	-	-	-	-	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	-	-
-	-	-	-	-	-	-

MARCH 1991

S	M	T	W	T	F	S
-	-	-	-	-	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	-	-	-	-	-	-

MAY 1991

S	M	T	W	T	F	S
-	-	-	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	-
-	-	-	-	-	-	-

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Leola, PA 17540
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717-656-9554

THE OLD FARMER'S ALMANAC

JAN. 7-13, 1991

Sunshine Jan. 12 foretells much wind.

Jan 7, 1610, Galileo discovers Jupiter's moons Jan 9, 1793, Frenchman Jean Pierre Blanchard and his dog soar over Philadelphia in the first successful U S balloon flight Jan 11, 1878, a Brooklyn milkman, Alexander Campbell, delivers milk in glass bottles for the first time (previously customers brought their own containers for filling) Jan 13, 1733, the last of the 13 original colonies, Georgia, is established

They say is half a lie

Ask the Old Farmer: The top of my Staffordshireware teapot is stuck Can you help? R L , Ill

Place a little salad oil around the joint between cover and pot Heat slowly and allow the oil to work into the joint After a few minutes try to lift the top If still stuck add more oil and heat longer

Home Hints Mist indoor plants often especially during the dry heating season

OLD FARMER'S WEATHER FORECAST

New England: The snowstorm ends as the week begins Flurries remain for a few days and clouds fill the sky Then intermittent snow and seasonable temperatures prevail

Greater New York-New Jersey: Most of this week is cloudy and cold with light snow now and then The weekend sees some clearing and milder temperatures

Middle Atlantic Coastal: Cloudy skies are the rule this week with cold temperatures and light snow in the north Becoming sunny and mild on the weekend

Piedmont & Southeast Coastal: Scattered showers are interspersed with some sunshine through midweek The second half of the week is clearing and turning warmer

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Carlisle Livestock Market

Carlisle, Pa.

Tuesday, Jan. 1, 1990

SLAUGHTER STEERS: STRONG DEMAND SELECT & CHOICE 75.75-83.75.

HOLSTEINS: CHOICE 70.00-72.50, SELECT & LOW CHOICE 64 00-69.50, STANDARD 55.50-61.00.

SLAUGHTER HEIFERS: CHOICE 76.00-79.25, CROSSBREDS/HOLSTEINS 56.00-64.00.

SLAUGHTER COWS: ACTIVE! STRONGEST DEMAND FOR EARLY-BIRD COWS BREAK UT. & COMM. 51.00-54.25, CUTTER & BONING UT 49.50-53.00, CANNER & LOW CUTTER 46.00-49.00, BIG MIDDLE 46.00-50.50, SHELLY 45.00 & DOWN.

SLAUGHTER FAT BULLS: YIELD GRADE #2 54.00-64.00.

FEEDER CATTLE: FDR STEERS (800-1100 LBS.) 65.00-70.00. FEEDER BULLS: (ALL WTS) MEDIUM & LARGE #2 63.00-78.00.

VEAL CALVES: STRONG DEMAND FOR CALVES RETURNING TO FARM. CHOICE 100.00-110.00, GOOD 75.00-99.00, STANDARD 44.00-60.00. LIGHT/WEAK 44.00 & DOWN.

FARM BULLS: 130.00-155.00. FARM HEIFERS 120.00-157.00.

HOGS: BARROWS & GILTS: US NO. 1-3 (210-260 LB.) 47.00-48.25.

SOWS: OVER 450 LB. 43.00-44.00, UNDER 450 LB. 42 00-44 50, 2&4'S (ALL WTS.) 38.00-41.00, BOARS: HEAVY 34.75-39.00.

FEEDER PIGS (BY THE HEAD) 25-50 LB 32.00-50.00 SHOATS (BY THE LB.) 170-190 LB. 38.00-44 00.

SHEEP: LAMBS, CHOICE (55-100 LB.) 32.50-72 50, MEDIUM (ALL WT) 44.00-50.00.

GOATS (BY THE HEAD) LARGE 62 50-67 50, SM./MED. 27.50-47.50.

SALE EVERY TUESDAY EVENING 5 00 P.M RABBITS POULTRY & EGGS, 7.00 P.M LIVESTOCK.

NOTES: STATE GRADED FEEDER PIG SALE FRIDAY, JANUARY 11, 1991, 1:30 P.M. SALE TIME, GRADING & WEIGHING 7:30 TO 11:30 HAY & STRAW SALE 12:45 P.M.

St. Louis Cattle, Hogs

Thursday, January 3, 1991

OPENING MID-SESSION CLOSE CATTLE AND CALVES: 250 (100 SLTR, 0 FDRS).

TERMINAL RECEIPTS CONSISTS PRIMARILY OF COWS. TRADING SLOW. COWS STEADY TO WEAK.

SLAUGHTER CLASSES: COWS: CUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4 47.00-51.00 BONING 1-2 51.00-52.00 52.00-53.00 LOW TO AVG. CUTTER 48.00-51.00 DS FOR THE WEEK: RECEIPTS THIS WEEK 400; LAST WEEK LAST YEAR COMPARED TO LAST WEEK'S TERMINAL MARKET CLOSE, LIGHT SUPPLY SLAUGHTER STEERS AND HEIFERS STEADY TO WEAK. COWS STEADY. FEW BULLS STEADY. SLAUGHTER SUPPLY MAINLY MIXED SELECT AND CHOICE STEERS AND HEIFERS, AROUND 25% COWS.

Dewart Livestock

Dewart. Pa.

December 31, 1990

Report Supplied by PDA

STEERS 60 00-71.75.

HEIFERS TOO FEW TO QUOTE

GOOD COWS: 47 00-55 25.

CANNERS AND CUTTERS 40 00-47 00

BULLS 55 00-63.75

VEAL· 90-190 LBS 175 00-137 50, 70-90 LBS 45 00-75 00.

HOGS 45 00-47.50.

SOWS 37.00-41 00.

FEEDER PIGS TOO FEW TO QUOTE

Central U.S. Carlot

Pork Report

Jan. 2, 1991

Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3.00 P.M.

COMPARED TUESDAY'S 3:00 P.M. CLOSE: FRESH PORK LOINS 14-18 LBS. WEAK TO MOSTLY 7.00 LOWER, 18-22 LBS. WEAK TO 2.00 LOWER; BOSTON BUTTS NOT FULLY ESTABLISHED WITH A LOWER UNDERTONE NOTED; SKND HAM 1.50-3.50 LOWER; SDLS BELLIES FIRM TO 2.00 HIGHER IN LIGHT TEST. DEMAND VERY LIGHT, MOVEMENT SLOW ON MODERATE OFFERINGS AND SUPPLIES.

LOADS PORK CUTS 64.5

LOADS TRIM/ PROCESS PORK

PORK CUTS 6.0

LOINS, REG., FRESH

14-18 LBS.*, 5 LOADS, RANGE 96.00-100.00, WGHTD. AVG. 98 00.

¼" TRIM, 14-18 LBS., 5 LOADS, RANGE 112 00-116.00, WGHTD. AVG. 114.00.

18-22 LBS.*, 7 LOADS, RANGE 93.00-97.00, WGHTD. AVG. 94.71.

¼" TRIM 18-22 LBS., 7 LOADS, RANGE 109.00-117.00, WGHTD. AVG. 111.86.

COMBOS 22/UP LBS., 2 LOADS, RANGE 82.00, WGHTD. AVG. 82.00.

LOIN,BLS CTRCT 5-7 LBS.

4 LOADS, RANGE 224.00, WGHTD.AVG. 224 00.

BNLS SIRLOIN .75-1#

RANGE 138.00, WGHTD. AVG. 138.00 D.

TNDRLN, MUSCLE-ON UNQUOTED

TNDRLN, MUSCLE-OFF

RANGE 324.00, WGHTD. AVG. 324 00 E.

BOSTON BUTT

4-8 LBS. *, 1.5 LOADS, RANGE 74.00-78.00, WGHTD. AVG. 76 00.

¼" TRIM 4-8 LBS., 1.5 LOADS, RANGE 91.00-96.00, WGHTD. AVG. 93.67.

COMBOS 8/UP LBS., RANGE 75.00, WGHTD. AVG. 75.00 A.

SPARERIB, FROZEN

1.5-3.5 LBS., RANGE 110.00, WGHTD. AVG. 110.00 B.

3.5-5.5 LBS., RANGE 82.00, WGHTD. AVG. 82.00 D.

SPARERIB, FROZEN

1.5-3.5 LBS., RANGE 118.00, WGHTD AVG. 118.00 C.

HAM, SKINNED, FRESH

14-17 LBS., RANGE 70 00, WGHTD. AVG. 70 00 A.

17-20 LBS., 15 LOADS, RANGE 66.00-67.00, WGHTD. AVG. 66.27.

20-26 LBS., 17 LOADS, RANGE 57.50-65.00, WGHTD. AVG. 62.56.

26-32 LBS., RANGE 63 00, WGHTD. AVG. 63.00 C.

32/UP LBS., RANGE 63.00, WGHTD. AVG. 63.00 C.

HAM, SKINNED, FROZEN

14-17 LBS., RANGE 75.50, WGHTD AVG. 75.50 E.

BELLY, SDLS, SKIN-ON, FRESH

10-12 LBS., 1 LOAD, RANGE 56.00, WGHTD. AVG. 56.00.

12-14 LBS., 4 LOADS, RANGE 57.00-59.00, WGHTD AVG. 58.50.

14-16 LBS., 5 LOADS, RANGE 57.00-59.00, WGHTD. AVG. 57.60.

16-18 LBS., 3 LOADS, RANGE 56.00-58.00, WGHTD. AVG. 57.33.

18-20 LBS , RANGE 51.00, WGHTD. AVG. 51 00 A

20-25 LBS., RANGE 45.00, WGHTD AVG. 45.00 A.

PORK TRIMMINGS

BONELESS PROCESSING PORK

(CHEMICAL LEAN)

COMBO 42% FRESH, 1 LOAD, RANGE 40.00, WGHTD. AVG. 40.00.

BOXED 42% FROZEN, RANGE 36.00-37.00, WGHTD. AVG. 36.50 B.

COMBO 72% FRESH, 3 LOADS, RANGE 76.00-77.00, WGHTD. AVG. 76.33 .

BOXED 72% FROZEN, RANGE 76.00, WGHTD. AVG. 76.00 D.

BLADEMEAT

COMBO 88% FRESH, UNQUOTED.

BOXED 85% FROZEN, UNQUOTED

PICNIC CUSHION MEAT

COMBO 92% FRESH, 1 LOAD, RANGE 145.00, WGHTD. AVG. 145.00.

BOXED 92% FROZEN, 1 LOAD, RANGE 139.00, WGHTD. AVG. 139.00.

BONELESS PICNIC MEAT

COMBO 72% FRESH, RANGE 77.00-78.00, WGHTD. AVG. 77.43 B.

BOXED 72% FROZEN, RANGE 79 00, WGHTD. AVG. 79.00 B.

SKINNED JOWLS

COMBO FRESH, RANGE 25.00-26.00, WGHTD. AVG. 25 50 A.

BOXED FROZEN, RANGE 27.00, WGHTD. AVG. 27.00 A

NOTE: (*)REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS

PORK CARCASS CUTOUT

WEDNESDAY, JAN. 2

ESTIMATED GROSS CUTOUT VALUES OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES WEDNESDAY'S CARCASS GRADES & PRICES PER CWT.:

CHANGE FROM FRI.: US#1 66 76, VALUE -1 33; US#2 64 78, VALUE -1 25, US#3 62 80, VALUE -1 17; US#4 60 82, VALUE -1 09.

TODAY'S CALCULATIONS FOR US#2 175 LB. PORK CARCASS:

HAM, SKINNED, 14-20 LBS., 21 01% OF CARCASS, 66.00 FOB VALUE, CAHNGE FROM TUES. -2 00; LOINS, ¼" TRIM, 14-22 LBS., 20.33% OF CARCASS, 112.75 FOB VALUE, CHANGE FROM FRI. -5.00

BELLIES, SDLS, 12-14 LBS , 13.90% OF CARCASS, 58.50 FOB VALUE, CHANGE FROM FRI. 1.50; SPARERIBS, 3.5 DN. LBS., 3.03% OF CARCASS, 110.00 FOB VALUE.

PICNICS, 8-12 LBS., 10.31% OF CARCASS, FOB VALUE 52.75; BUTTS, ¼" TRIM, 4-8 LBS., 7.25% OF CARCASS, 93.75 FOB VALUE, CHANGE -0.50.

JOWL, 2.85% OF CARCASS, 25 50 FOB VALUE; NECKBONES, 1.52% OF CARCASS, FOB VALUE 15 00.

FEET, 1 05% OF CARCASS, 21 00 FOB VALUE; TAILS, 22% OF CARCASS, FOB VALUE 54 00.

TRIM 72%, 2.19% OF CARCASS, 76.25 FOB VALUE, CHANGE 0.75; LARD, 10.85% OF CARCASS, 12 25 FOB VALUE.

TOTAL CARCASS: 94.51%.

US#2 CARCASSS VALUE PER CWT. 64.78.

NOTE: VALUE MAY CHANGE WITHOUT ADEQUATE TEST.

New Holland Horses

New Holland Sales Stables

New Holland, PA

Monday, Dec. 31, 1990

REPORT SUPPLIED BY AUCTION

REGISTERED RECEIPTS OF 301 HEAD OF HORSES, MULES AND PONIES. MARKET STEADY WITH TWO WEEKS AGO.

DRIVING HORSES: 510 00-975.00

RIDING HORSES: 475.00-710 00.

REGISTERED HORSES: 950.00-1010 00.

LIGHTWEIGHT KILLERS: 425.00-500 00.

HEAVYWEIGHT KILLERS: 550.00-710.00.

THIN HORSES: 110.00-385.00.

MARE PONIES: 40 00-200.00.

COLTS: 35.00-75.00.

GELDINGS: 40.00-200 00.

LARGER PONIES· 250.00-315.00.

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To Be Run "All-In-All Out"

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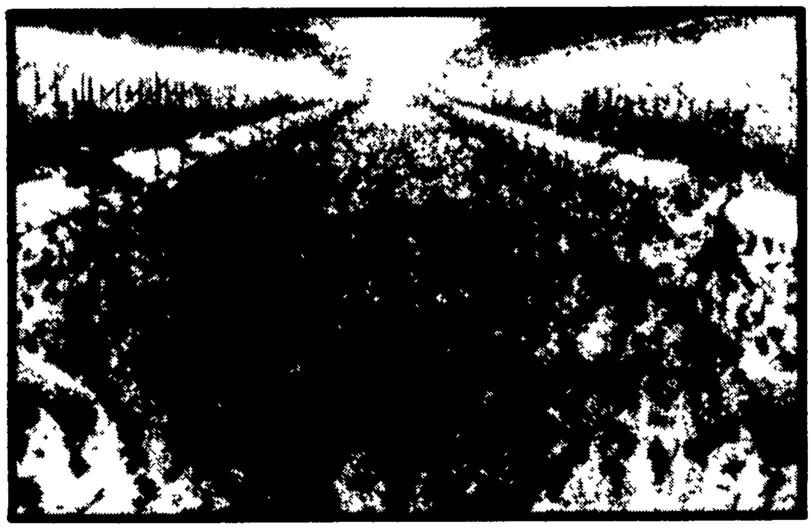

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717-653-1102
Monday - Friday 8:30 AM - 4:00 PM

Virginia

Cattle & Hogs

Central & Southeast Virginia Livestock Summary

Lynchburg, Va.

Monday, December 31, 1990

ALL TRENDS COMPARED TO LAST MONDAY: SLAUGHTER CATTLE 109 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 97 HEAD COWS CUTTER & BONING UT. 1-3 48.00 - 52.75 BREAKING UT. & COMM. 2-4 51.00 - 56.25 CANNER AND LOW CUTTER 1-2 44.00 - 48.50.

SLAUGHTER BULLS 12 HEAD BULLS Y.G. 1-2, 900-1300 LB. 58.00 Y.G. 1-2, 1300-1600 LB. 64.25 - 67.00 Y.G. 1-2, 1600 LBS. & OVER 60.75 - 67.75.

FEEDER CATTLE 196 HEAD - NO TRENDS REPORTED. STEERS; MEDIUM 1 SMALL 1 MED.&LARGE 2 300-400 98.00-106.00 82.00-89.50 --- 400-500 92.00-100.00 83.50-89.50 --- 500-600 --- --- 86.50-87.50.

HEIFERS; MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 300-400 --- --- 70.00-80.50 80.50-82.00 400-500 81.00-87.50 --- --- 72.00-87.00 500-600 --- 79.50-87.00 70.00-71.50 75.00-78.50 FEEDER BULLS; MED. 1 LARGE 1 SMALL 1 200-300 LBS 101.00-115.00 --- 81.00-97.00 300-400 LBS 91.50-101.00 --- 84.00-93.00 400-500 LBS 85.75-96.00 90.00-90.50 --- 500-600 LBS 74.00-83.50 --- --- BABY CALVES RETURNED TO FARMS 26 HEAD NEWBORN TO 4 WK OLD $62.00-100.00 FEW SMALL $42.50-47.50 PER HEAD. OVER 100 LBS $77.50-102.00 PER CWT.

STATE GRADED FEEDER CATTLE 88 HEAD SOLD AT LYNCHBURG, VA. ON DEC. 31, 1990.

STEERS; MED.&LARGE 1 MED.&LARGE 2 300-400 98.00-102.00 --- 400-500 100.00-100.25 87.50-97.00 500-600 96.25-97.00 88.50 600-700 87.00-88.00 --- HEIFERS; MED.&LARGE 1 MED.&LARGE 2 300-400 87.75 79.50-89.00 400-500 82.00-85.00 78.00-88.00 500-600 79.50-83.25 72.50-79.00 600-700 77.75-78.75.

Northern Virginia Livestock Summary

Orange, Va.

Wednesday, January 2, 1991

ALL TRENDS COMPARED TO LAST WEDNESDAY: SLAUGHTER CATTLE 103 HEAD - SLAUGHTER COWS AND SLAUGHTER BULLS STEADY.

SLAUGHTER COWS 80 HEAD COWS CUTTER & BONING UT. 1-3 49.00-54.00 BREAKING UT. & COMM. 2-4 47.00-53.00 CANNER AND LOW CUTTER 1-2 44.00-51.00.

SLAUGHTER BULLS 8 HEAD 1-2 1300-1600 LBS 58.00-63.00 1-2 1600 LBS & OVER 58.00-64.50.

FEEDER CATTLE 160 HEAD - NO TRENDS REPORTED. STEERS; MEDIUM 1 300-400 85.00-93.00 400-500 84.00-94.00 500-600 82.00-88.00 HEIFERS; MEDIUM 1 LARGE 1 300-400 80.00-88.00 --- 400-500 79.00-83.00 --- 500-600 --- 76.00-80.00 600-700 --- 70.00-77.00 FEEDER BULLS; MED. 1 300-400 LBS 85.00-92.00 400-500 LBS 84.00-91.00.

Southwest Virginia Livestock Summary

Hollins-Roanoke, Va.

Monday, December 31, 1990

ALL TRENDS COMPARED TO LAST MONDAY SLAUGHTER CATTLE 110 HEAD - NO TRENDS REPORTED SLAUGHTER COWS 100 HEAD COWS CUTTER & BONING UT. 1-3 46.00 - 52.50 BREAKING UT. & COMM. 2-4 44.50 - 55.50 CANNER AND LOW CUTTER 1-2 37.00 - 46.50.

SLAUGHTER BULLS 10 HEAD BULLS Y.G. 1-2, 900-1300 LB. 58.00 - 59.00 Y.G. 1-2, 1300-1600 LB. 58.00 - 60.75 Y.G. 1-2, 1600 LBS. & OVER 53.75 - 62.50.

FEEDER CATTLE 274 HEAD - NO TRENDS REPORTED. STEERS, MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 300-400 86.00-96.00 --- --- 80.00-86 00 400-500 83.00-99.00 --- 80.00-89.00 80.00-88.00 500-600 85.00-94 50 89 00-93.00 80 00-85 00 80.00-85.00 600-700 81 00-89 00 86.00-91.00 75 00-83.00 --- 700-800 81 50 --- --- --- 800-900 72 00 --- --- --- 900-1100 72.00.

HEIFERS; MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 300-400 74.00-87.50 --- --- --- 400-500 76.00-91.00 --- 68.00-78.00 71.00-81.00 500-600 73.00-84.00 77.00-87.00 65.00-70.00 70.00-75.00 600-700 70.00-80.00 --- --- 65.00-77.50 FEEDER BULLS; MED. 1 300-400 LBS 80.00-90.00 400-500 LBS 79.00-85.00 500-600 LBS 70.00-80.00 600-700 LBS 70.00-73.50 700-900 LBS 64.50-72.00 BABY CALVES RETURNED TO FARMS 19 HEAD NEWBORN TO 4 WK OLD $50.00-122.50 MOSTLY $80.00-100.00 PER HEAD.

Shenandoah Valley Livestock

Harrisonburg, Va.

Dec. 29, 1990

Report supplied by auction

STEERS: 300-500 LBS. 100.00 AND DOWN; 500-700 LBS. 88 00-95 00

HOLSTEINS· NOT ENOUGH TO QUOTE

FEEDER BULLS: NOT ENOUGH TO QUOTE

HEIFERS: 300-500 LBS. 75 00-85 00, 500-700 LBS. 70 00-81 50, 700-1000 LBS. NOT ENOUGH TO QUOTE

STOCK COWS· BEEF 810 00 AND DOWN, BY THE HEAD, BABY CALVES 142 00 AND DOWN, BY THE HEAD, BY THE POUND, 1 40 AND DOWN

SLAUGHTR COWS· UTILITY AND COMMERCIAL 48 00-56 00, CANNERS AND CUTTERS 52.00 AND DOWN, SLAUGHTER BULLS 61 25 AND DOWN.

LAMBS BLUE O CHOICE AND PRIME 47 00, RED O CHOICE 44 75, FEEDER LAMBS CHOICE 55 00, SLAUGHTER EWES 20 75-23 50, HEAD EWES 47 50 AND DOWN

HOGS NOT ENOUGH TO QUOTE

CARCASS RESULTS OBTAINED BY OUR CUSTOMERS:

These hogs were all sired by our Hampshire boars with the exception of a few barrows sired by maternal line Large Whites. This producer stated that the whiteline barrows did not help the average. These hogs were sold at Mariah Packing @ Monmouth, IL.

Ham %	Loin %	Prem/CWT
18.65	14.85	4.56
18.91	15.09	5.17
17.85	15.06	4.11
18.00	15.03	4.17
18.85	15.25	5.34
19.50	15.52	6.02

The averages are 18.63% ham, 15.14% loin and a $4.90 premium per hundredweight, or a *$11.27 premium* for a 230 lb. hog. The consistent results show the uniformity of the pigs sired by our boars.

If you have any questions or need anything please call. *Our Toll-free number is 1-800-752-7113.*

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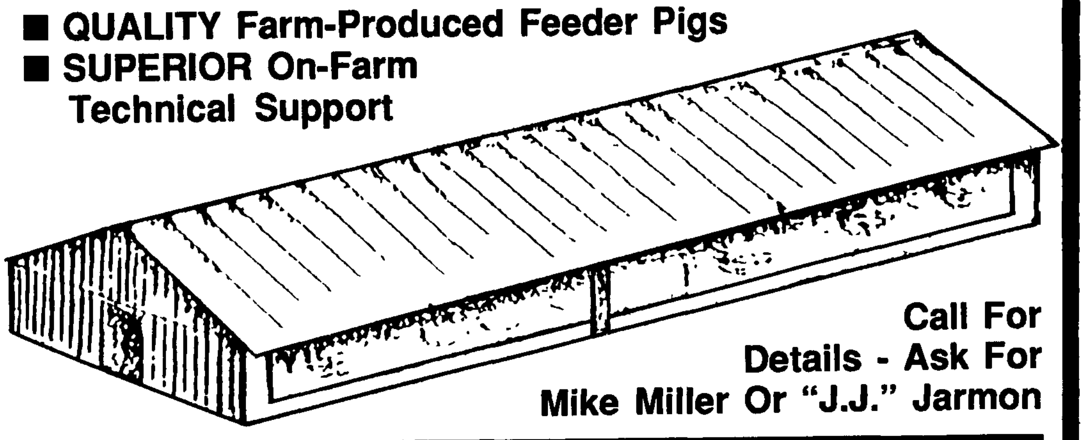

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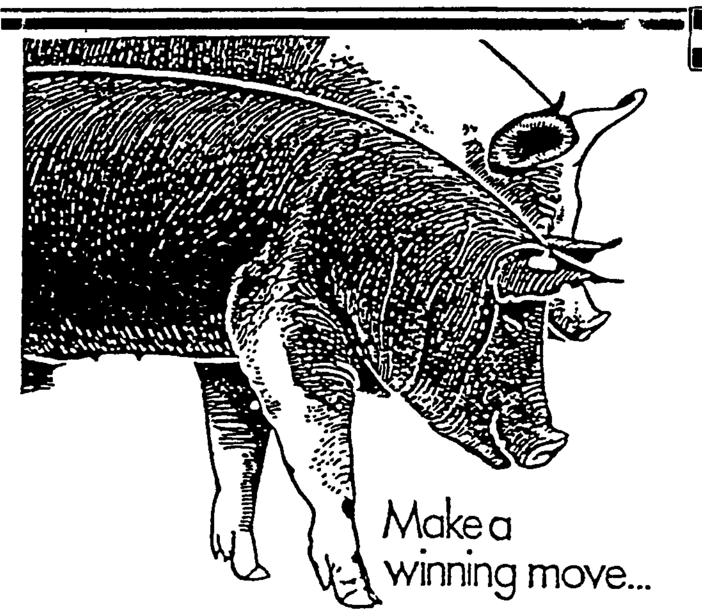
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OPINION

Definitely Looking For You

Pennsylvania's premier agricultural event, the State Farm Show, will celebrate its 75th birthday this week in Harrisburg. Officials say this event will be bigger and better than ever.

Encompassing 14 acres under roof, the Farm Show offers a unique location to display the newest in equipment, technology and supplies. It provides an opportunity for exhibitors to compete with their peers and provides a common meeting ground for rural and urban citizens alike to exchange information and renew friendships. The show features thousands of animals and exhibits, tons of delicious food and popular evening entertainment.

Among items to be noted as new this year are the increased premiums that now total $196,000; a historical marker on the Farm Show grounds, a life-size butter sculpture and several limited edition toy tractors and trucks, produced to celebrate the 75th anniversary of the show.

Another change, the famous food booths of the Pennsylvania commodity and agricultural organizations have been removed from the main exhibition hall to the East Building, in what is now called the Pennsylvania Food Court.

The great January event in the calendar of Pennsylvania's agriculture is poised to happen again this week. Along with you, we are pleased to be a part of this annual event. Please stop by our Booth Number 274 in the main exhibition hall and say "Hi." We will definitely be looking for you!

Farm Calendar

Saturday, January 5
Farm Show Begins!

Pennsylvania Farm Show, Farm Show Complex, open for judging only.

Sunday, January 6

Pennsylvania Farm Show, Farm Show Complex, Harrisburg, thru Jan. 11.

Monday, January 7

Pennsylvania Farm Show, Farm Show Complex, Harrisburg, thru Jan. 11.

Annual Dairy Industry Conference, Stouffer Dublin Hotel, Dublin, Ohio, thru Jan. 8.

Farm Women Society annual convention, 10 a.m., Farm Women banquet, Penn Harris Motor Inn, 5:30 p.m.

Tuesday, January 8

Pennsylvania Farm Show, Farm Show Complex, Harrisburg, thru Jan. 11.

1991 Eastern Pa. Turf Conference and Trade Show, Valley Forge Convention Center, Sheraton-Valley Forge Hotel, 10 a.m.-4:30 p.m., thru Jan. 11.

Farm Women Society business session, Room E, Farm Show Building, 9 a.m.

Clearfield Co. income tax meeting, DuBois Holiday Inn, 9 a.m.-4 p.m.

Wednesday, January 9

Pennsylvania Farm Show, Farm Show Complex, Harrisburg, thru Jan. 11.

1991 Eastern Pa. Turf Conference and Trade Show, Valley Forge Convention Center, Sheraton-Valley Forge Hotel, 10 a.m.-4:30 p.m., thru Jan. 11.

Pa. Beef Council annual meeting, Harrisburg Sheraton East Hotel, 6:30 p.m.

Pennsylvania Dairy of Distinction annual meeting, Pennsylvania Farm Show, Room C, 2 p.m.

Butler Co. income tax meeting, Days Inn, Butler, 9 a.m.-4 p.m.

Thursday, January 10

Pennsylvania Farm Show, Farm Show Complex, Harrisburg, thru Jan. 11.

1991 Eastern Pa. Turf Conference and Trade Show, Valley Forge Convention Center, Sheraton-Valley Forge Hotel, 10 a.m.-4:30 p.m., thru Jan. 11.

Indiana Co. income tax meeting, Indiana Rustic Lodge, 9 a.m.-4 p.m.

Franklin Co. Crop Management Association annual meeting, Antrim House, Greencastle, 7 p.m.

Pa. Nut Growers' annual meeting, Farm Show Complex, Harrisburg.

Penn State Water Quality Workshop, Derrick City Fire Hall, 6:30 p.m.-8:30 p.m.

Friday, January 11

Pennsylvania Farm Show, Farm Show Complex, Harrisburg.

1991 Eastern Pa. Turf Conference and Trade Show, Valley Forge Convention Center, Sheraton-Valley Forge Hotel, 10 a.m.-4:30 p.m.

Bedford Co. income tax meeting, Arena Restaurant, Bedford, 9 a.m.-4 p.m.

Clearfield Co./Penn State forage testing van, Clearfield Army Reserve Center, Clearfield, 12 noon-3 p.m.

Saturday, January 12

North Country Food First Workshop, St. Joseph School, Malone, N.Y., 9 a.m.-3 p.m.

Forest Landowners' Workshop, Mountain View Inn, Greensburg, 9 a.m.-3 p.m.

Sheep and Lamb Health Management Seminar, Maryland State

(Turn to Page A30)

NOW IS THE TIME

By Jay Irwin
Lancaster County
Agricultural Agent

To Be A Better Manager

As we look ahead to 1991, it is difficult to realize just what major problems will confront the average farmer. It remains to be seen what effect farm legislation, exports and taxes will have on agriculture. However, it is evident that profits will be difficult to realize, and some very good management will be needed to come out in the black. Today's farmer must be a better businessman than his forefathers. A farmer must be able to handle labor, money, equipment and keep up-to-date on all regulations and cultural practices. A farmer must be able to plan ahead and to be organized with all the responsibilities. A farmer should practice good public relations with the neighbors and respect the rights of others. Good management is just as important in farming as it is in any other industry or business. Work at it and it will pay dividends.

To Transfer Silage

Livestock and dairy producers who have silage stored in temporary structures might be planning to move this feed into upright silos in the next month or so. Many producers use the temporary storage until some of the material is fed out of the upright silo. By transferring into the upright silo, mechanical feeders can be used. The objective is to move the silage during cold weather. When transferring during warm weather (above 50° F) there is danger of more heating of the silage. No preservative should be needed. The faster the material can be moved into the upright silo, the better it will settle and remove the air.

To Separate New Animals

The addition of a new animal to the herd or flock is a common practice. However, there is always the chance of bringing new infections into the herd. Too many diseases and problems have been brought onto the farm by the owner. At this time of year and in this part of the state, the PA Farm Show provides an opportunity for showing and the purchase of new animals. To those who are exhibiting animals, and to those who might buy a bred gilt, or other animals, I'd say be sure to separate these animals from the rest of the herd or flock for at least 30 days. The other alternative is to treat all animals in the herd or flock for the same infections as the new animals have received. Sanitation and separation are very important items in good health programs.

To Be Sure Ice Is Safe For Skating

Farm ponds make great ice skating rinks... that's so long as the ice is strong enough. The general rule on thickness is that two inches will support one person and three inches will support a line of people. Thickness is not always the most accurate guide though. Other factors include color and age. New ice is stronger than old ice, and clear blue ice is stronger than slush ice. Be especially cautious with ponds that are either fed by a spring or have a fast moving current. The thickness of these ponds will vary considerably.

The most important thing is to have rescue equipment at the pond site. It is wise to have a straight ladder, rope and inner tube nearby... it could save a life. I would urge owners of farm ponds to use caution in permitting skating unless the ice is thick enough.

THE BIBLE SPEAKS

BY LAWRENCE W ALTHOUSE

STAYING POWER

January 6, 1991

Background Scripture:
Matthew 13:1-23.
Devotional Reading:
Ecclesiastes 2:4-11.

In the past I have probably misused the so-called Parable of the Sower. I have previously focused on the unreceptivity of the various soils of which Jesus spoke: the side of the path, the rocky soil, and the thorny ground. In doing so, I have shifted emphasis away from the sower to the soils, a rather negative transition, to be honest.

As I read this parable anew, however, I realize that instead of an indictment of people's unreceptivity, it is actually a message of encouragement focusing not on the soils, but upon the sower. Jesus may be responding to the possible discouragement of the disciples. They have observed that no matter how skillful and powerful Jesus is, some people hear the Good News from him but are seemingly unmoved by it. Perhaps this is particularly on the disciples' minds because, as Matthew tells it, there are great crowds of people coming to hear him. How many of these, they must wonder, will respond favorably and commit themselves to him?

THE OTHER SEEDS

Not to worry, says Jesus, and verse 8 is the heart of the parable and the story: "Other seeds fell on good soil and brought forth grain, some a hundredfold, some sixty, some thirty. "In other words, don't worry about the seed that falls on unreceptive soils — you always have that — but concentrate on the seed that falls on the good soil! The parable is really good news, not bad. Yes, there are lots of people who will not respond to the gospel, but there will always be those that will and we must take our satisfaction from them, for great results can come from even small numbers of receptive disciples.

Some months ago a woman came to me for counselling. When she left I felt that I hadn't really helped her and when she didn't return for additional sessions, I was convinced. A few weeks ago during a worship service, this woman, as part of a church interpretive dance troupe, performed a striking interpretation of the Lord's Prayer. I was interested to read in the bulletin that it had been choreographed by my counselee. After the service was over, she made a point to come to me and tell me that the dance interpretation was the result of our counselling session. Not only had she been helped, but that session had borne fruit for others as well — even though I thought I failed.

UNSEEN RESULTS

Teachers and preachers often have that kind of experience. They think no one is responding to what they are saying, only to learn later that someone not only responded, but greatly profited. A man with whom I hadn't been in contact in many years wrote me a letter in which he said a sermon I preached had changed his life. I was shocked: I thought he slept through my sermons! Apparently not all of them. So, whether you are a preacher, teacher or everyday witness for Christ, never doubt that God is able to accomplish his purposes, even without our awareness.

The New English Bible rendering of Matthew 13:2 puts it this way: "...but as it strikes no root in him he has no staying power, and when there is trouble or persecution on account of the word he falls away at once." This parable, thus, is an appeal to our "staying power." Jesus is telling us not to focus on those who do not respond to the gospel, but to hang in there and concentrate on those who do.

Lancaster Farming
Established 1955
Published Every Saturday
Ephrata Review Building
1 E Main St
Ephrata, PA 17522
— by —
Lancaster Farming, Inc.
A Steinman Enterprise
Robert G Campbell General Manager
Everett R Newswanger Managing Editor

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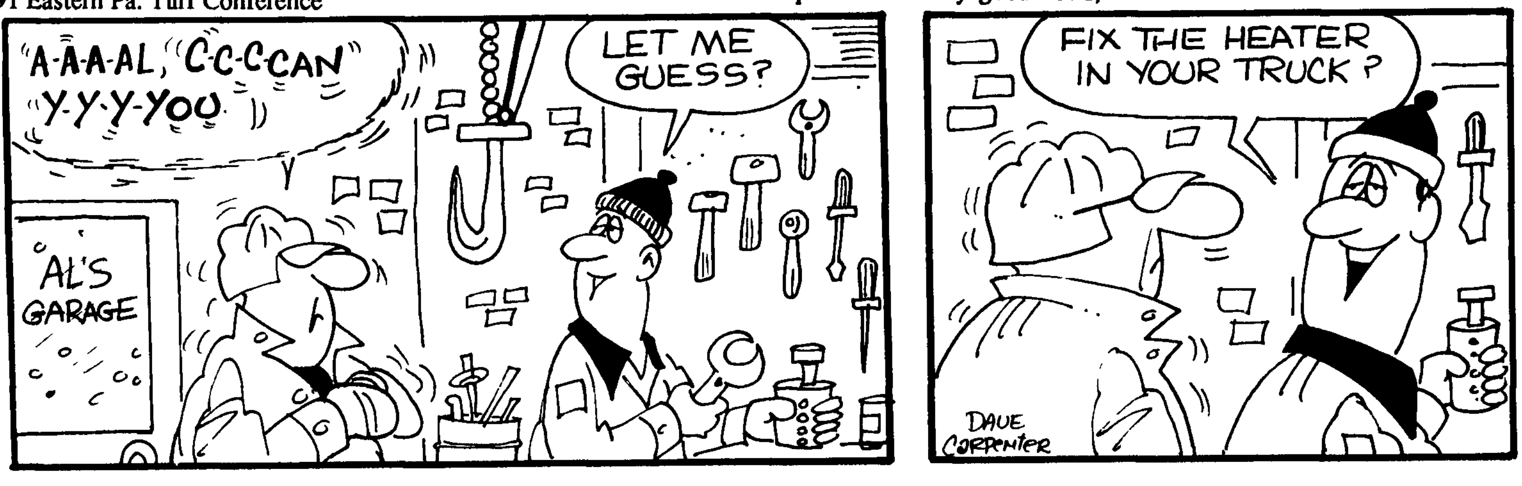

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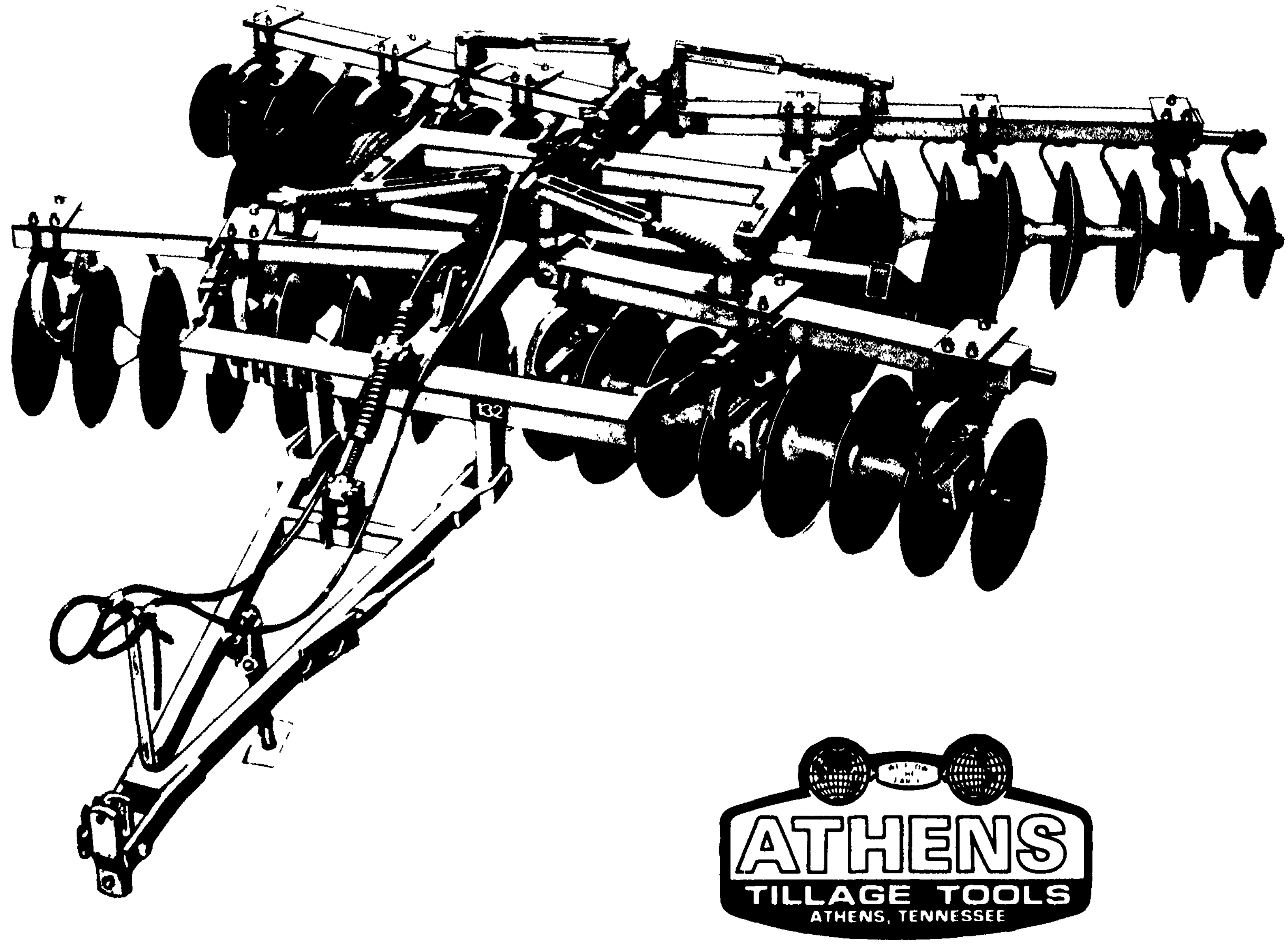

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The Model 132 is available in 9 foot 6 inch cutting width, 11 foot cutting width, and 12 foot 6 inch cutting width. Add 18 inches for transport widths to include the cover disks on the rear gangs.

Standard equipment includes 24 inch x ¼ inch blades, 9½ disk spacing, 1½ inch square axles, cover disks with scrapers, individual gang angle adjustment, hydraulic lifting, tongue leveling, and heavy duty scrapers. Transport wheels on the 9 foot 6 inch machine will be single wheels while the 11 foot machine and 12 foot 6 inch machine will have dual wheels as standard equipment.

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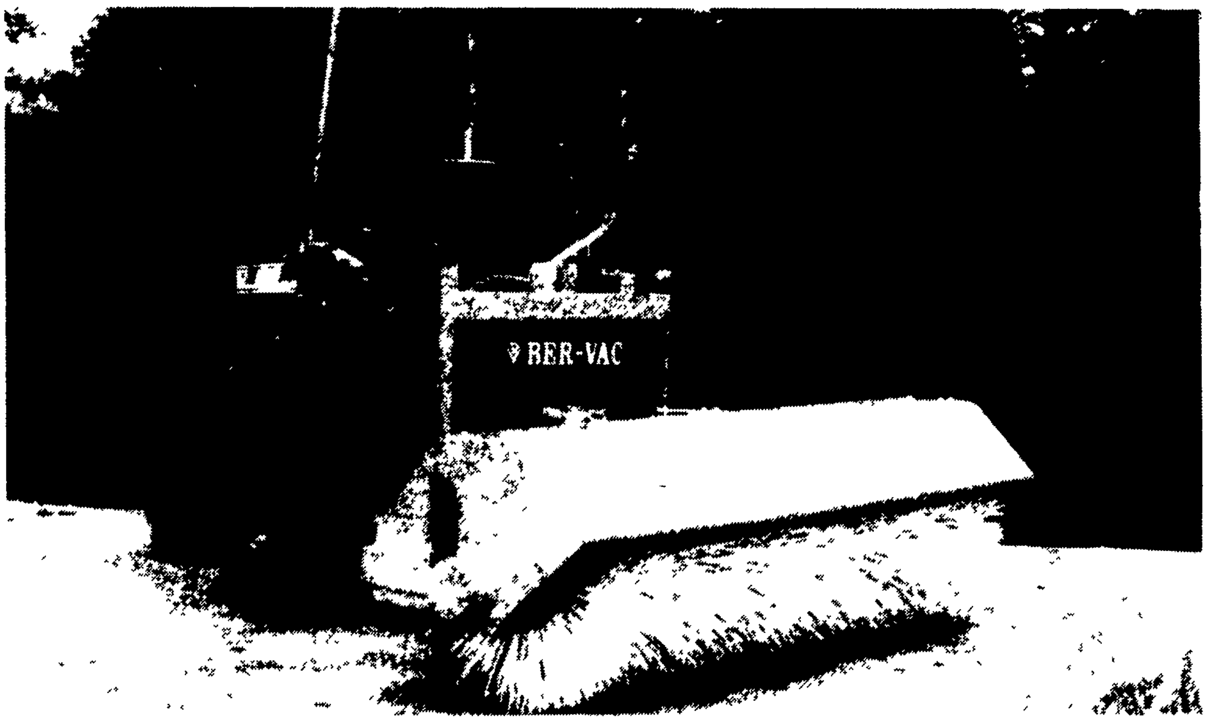

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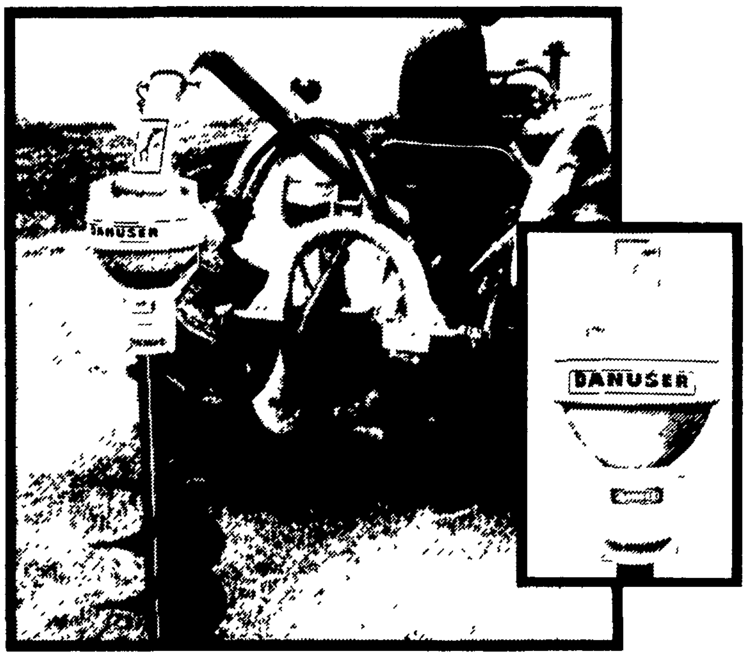

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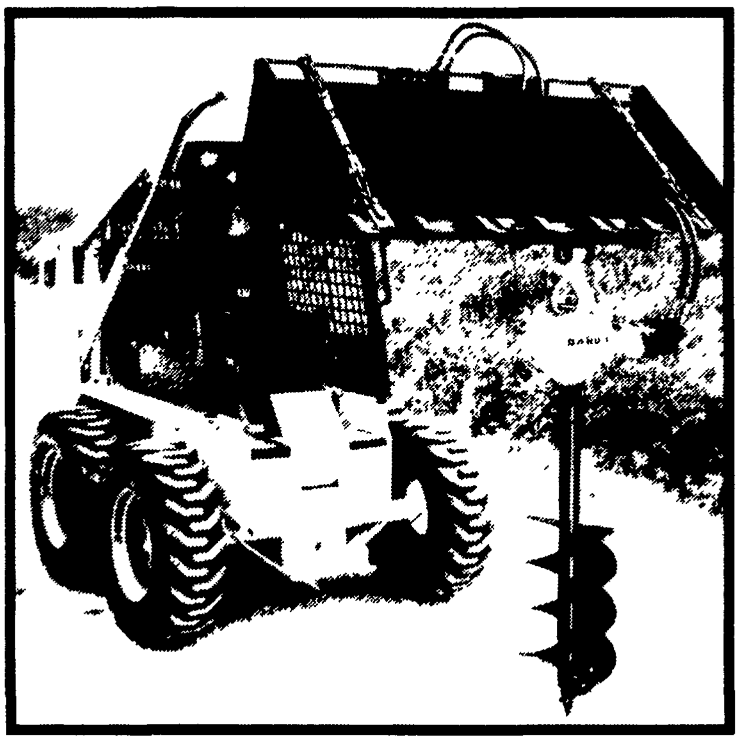

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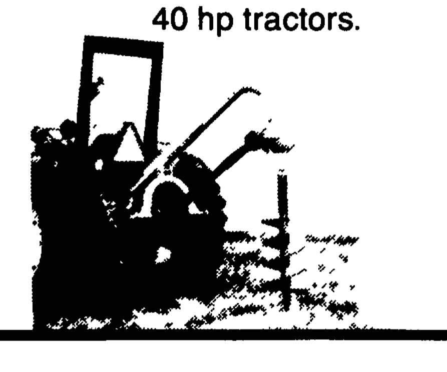
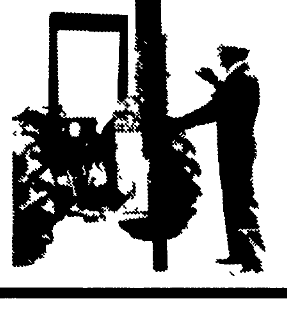


G-20/40 Digger for Cat. I-20-40 hp tractors.



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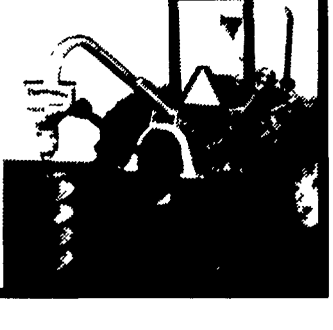

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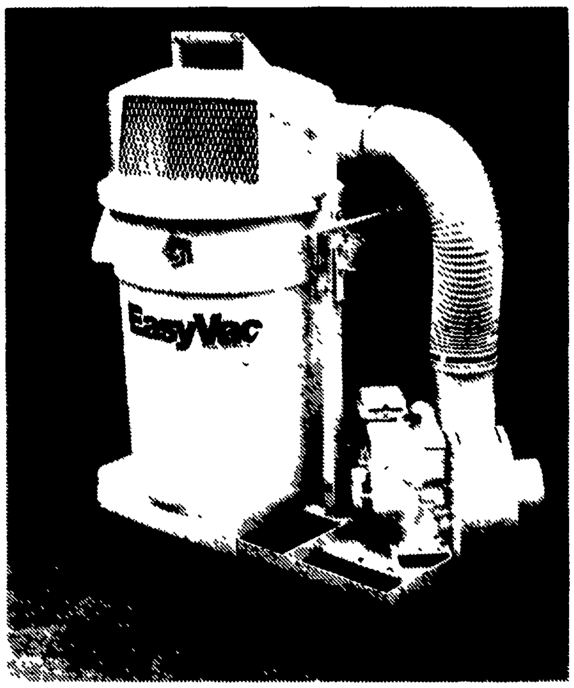

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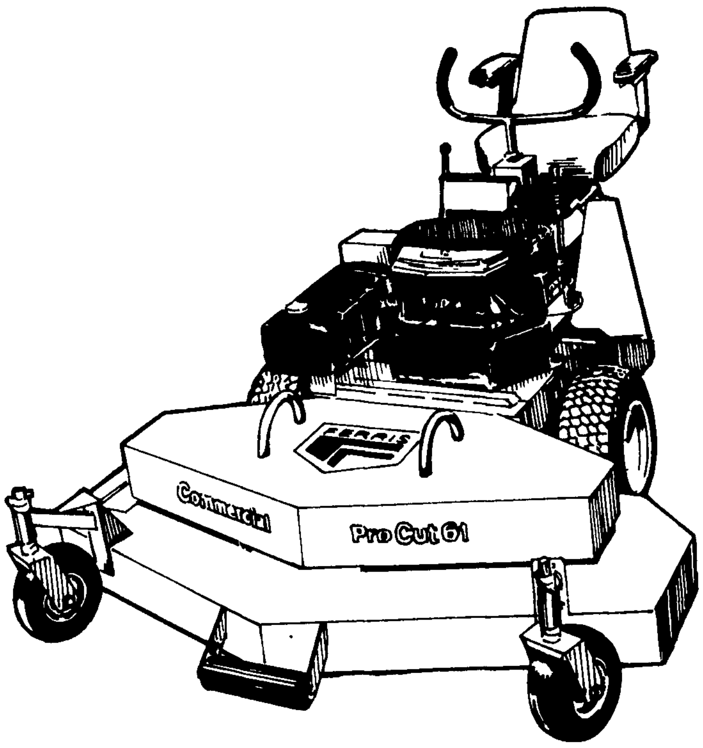

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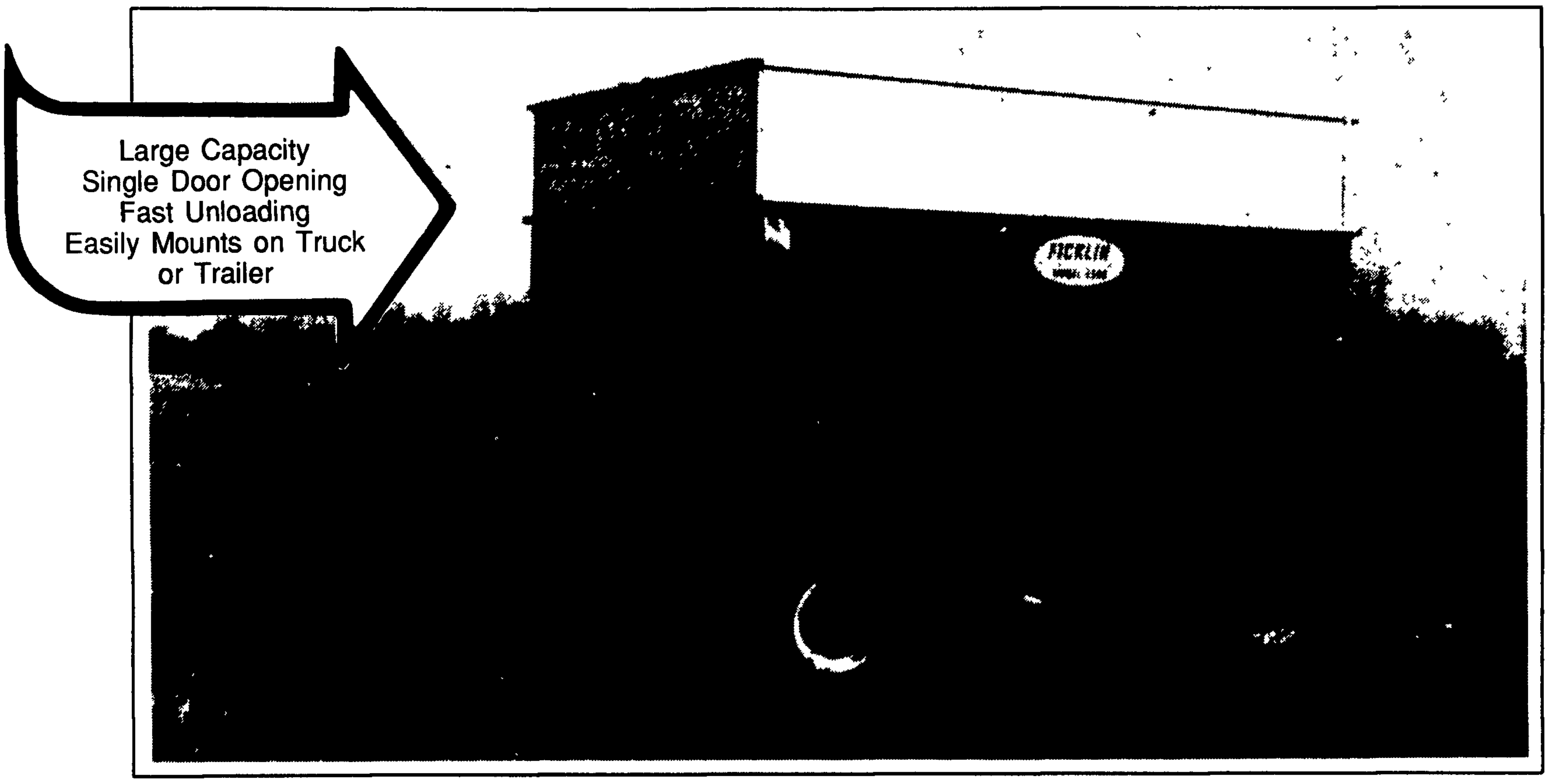

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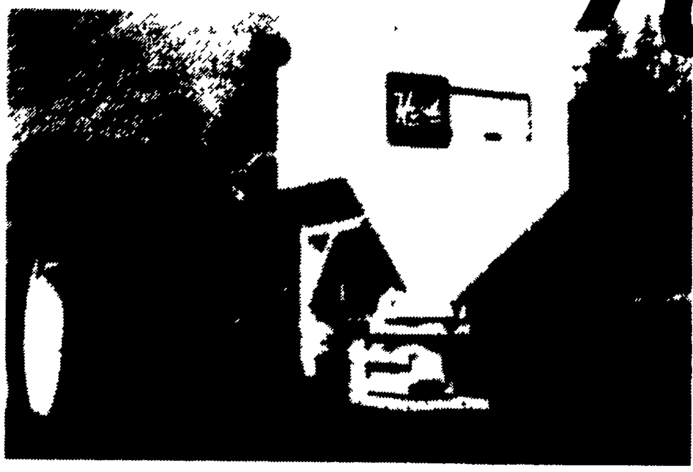

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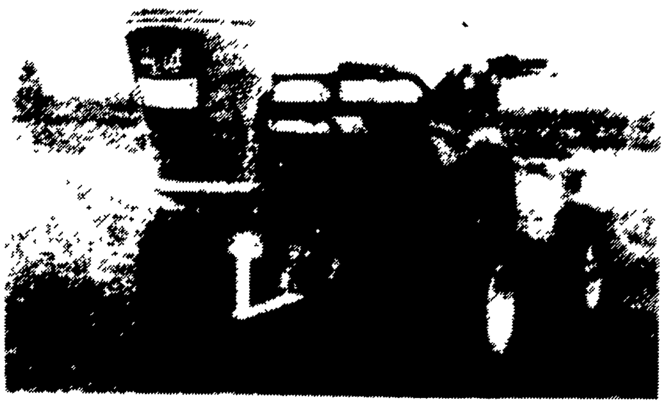

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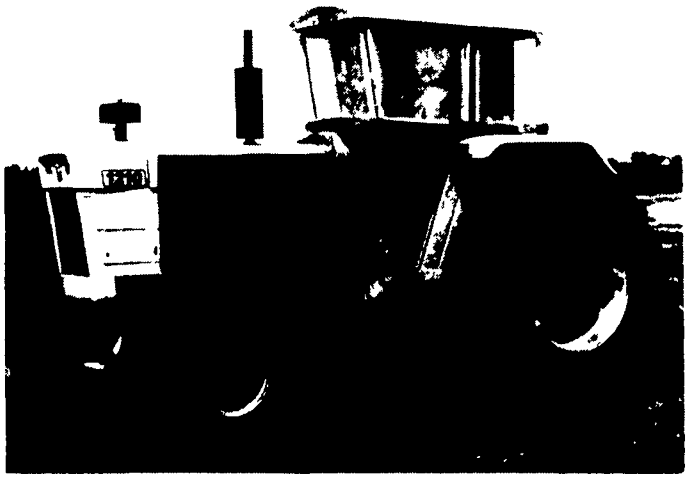

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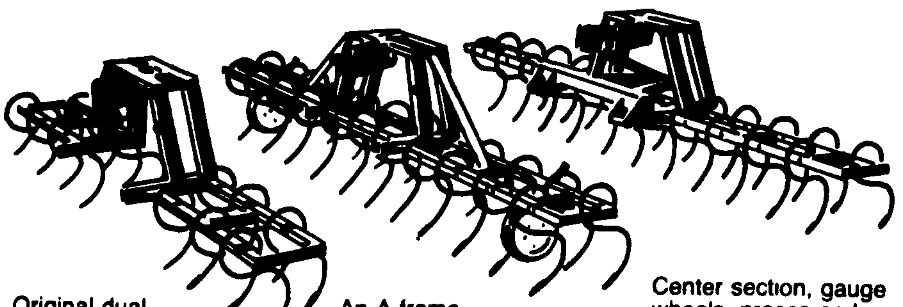

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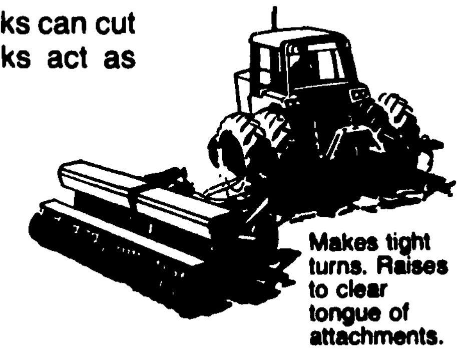

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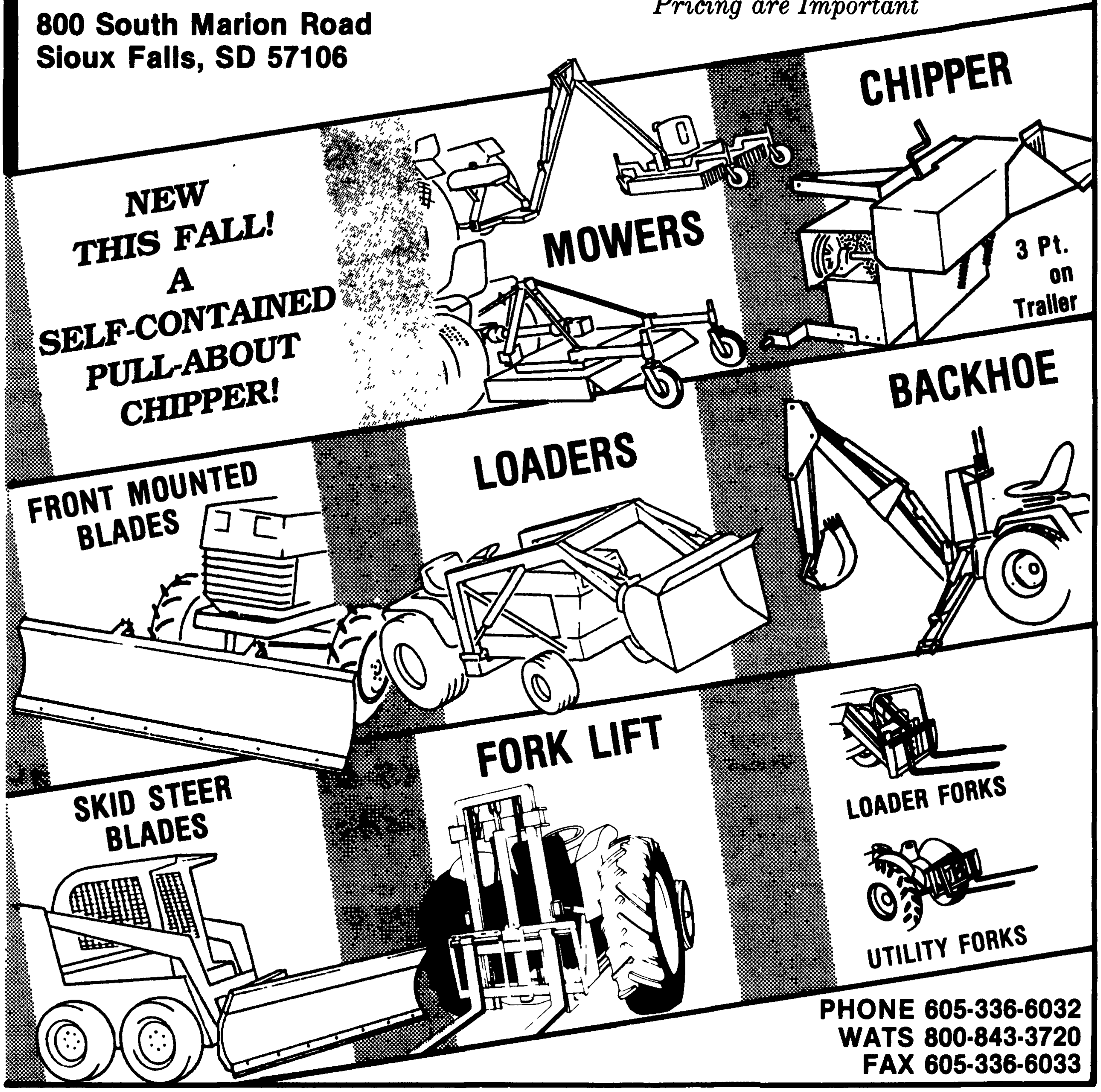
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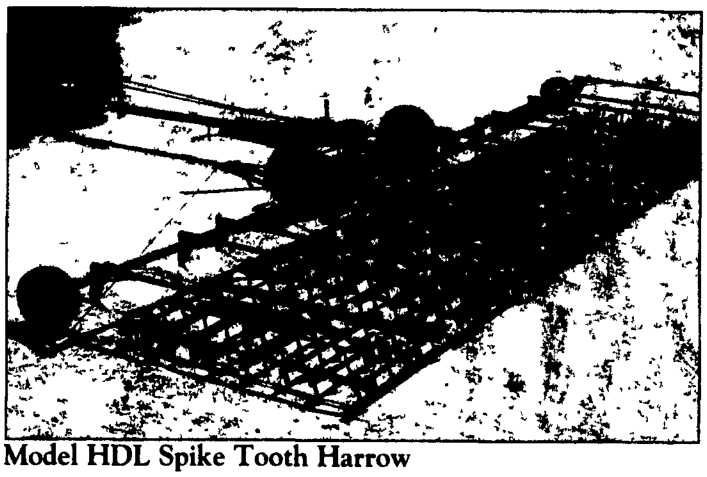
Model HDL Spike Tooth Harrow

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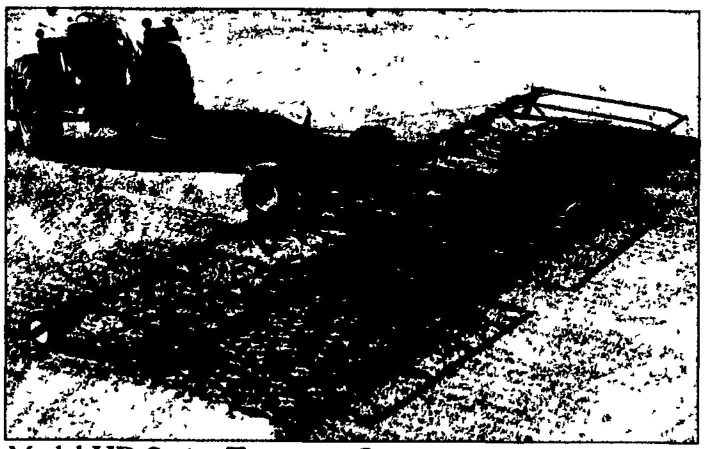
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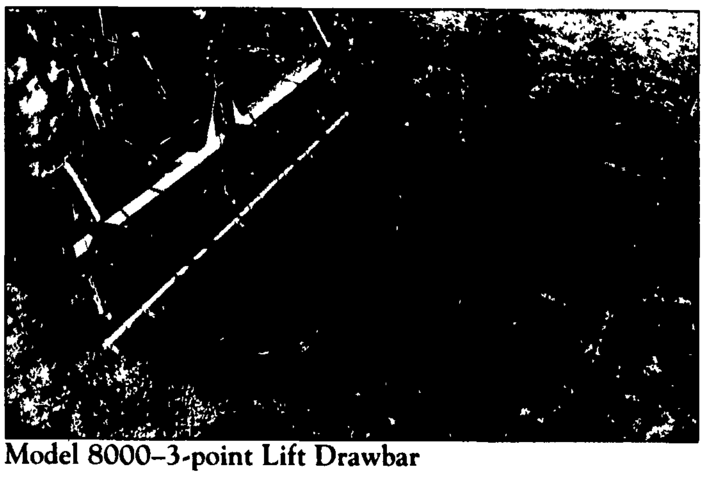
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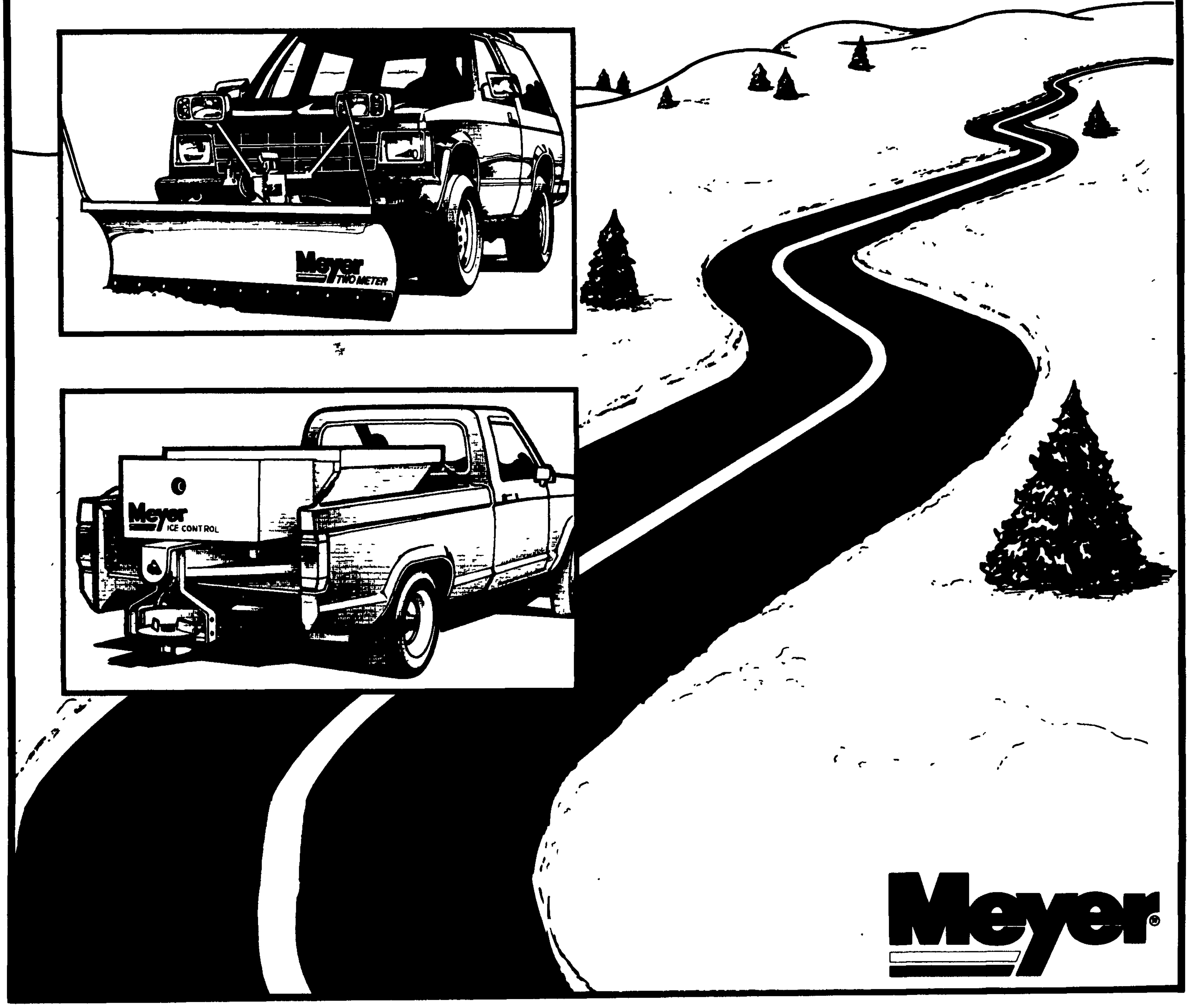

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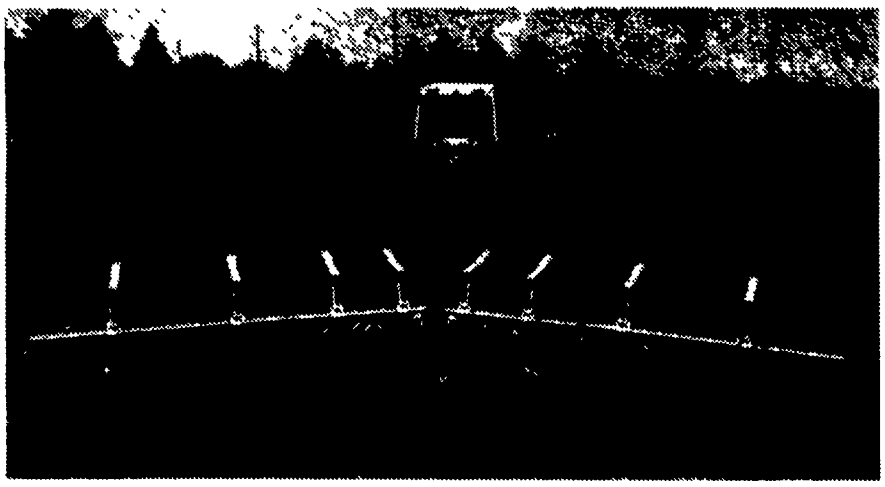

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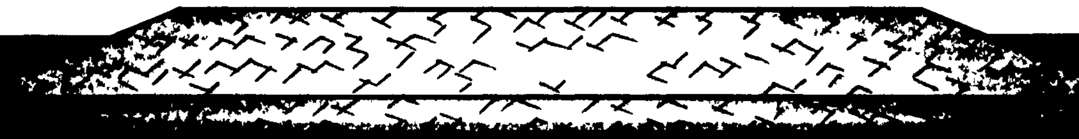

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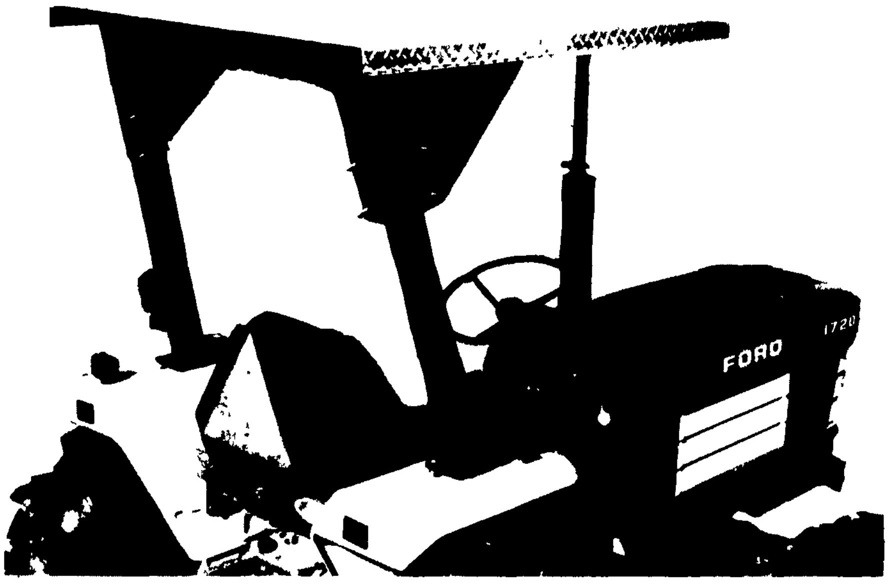

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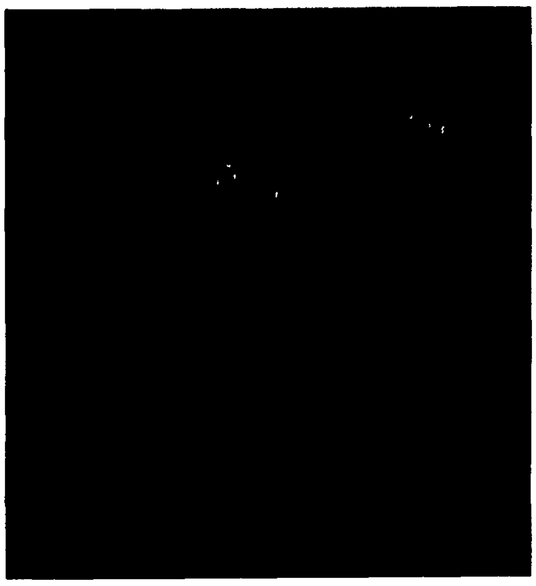

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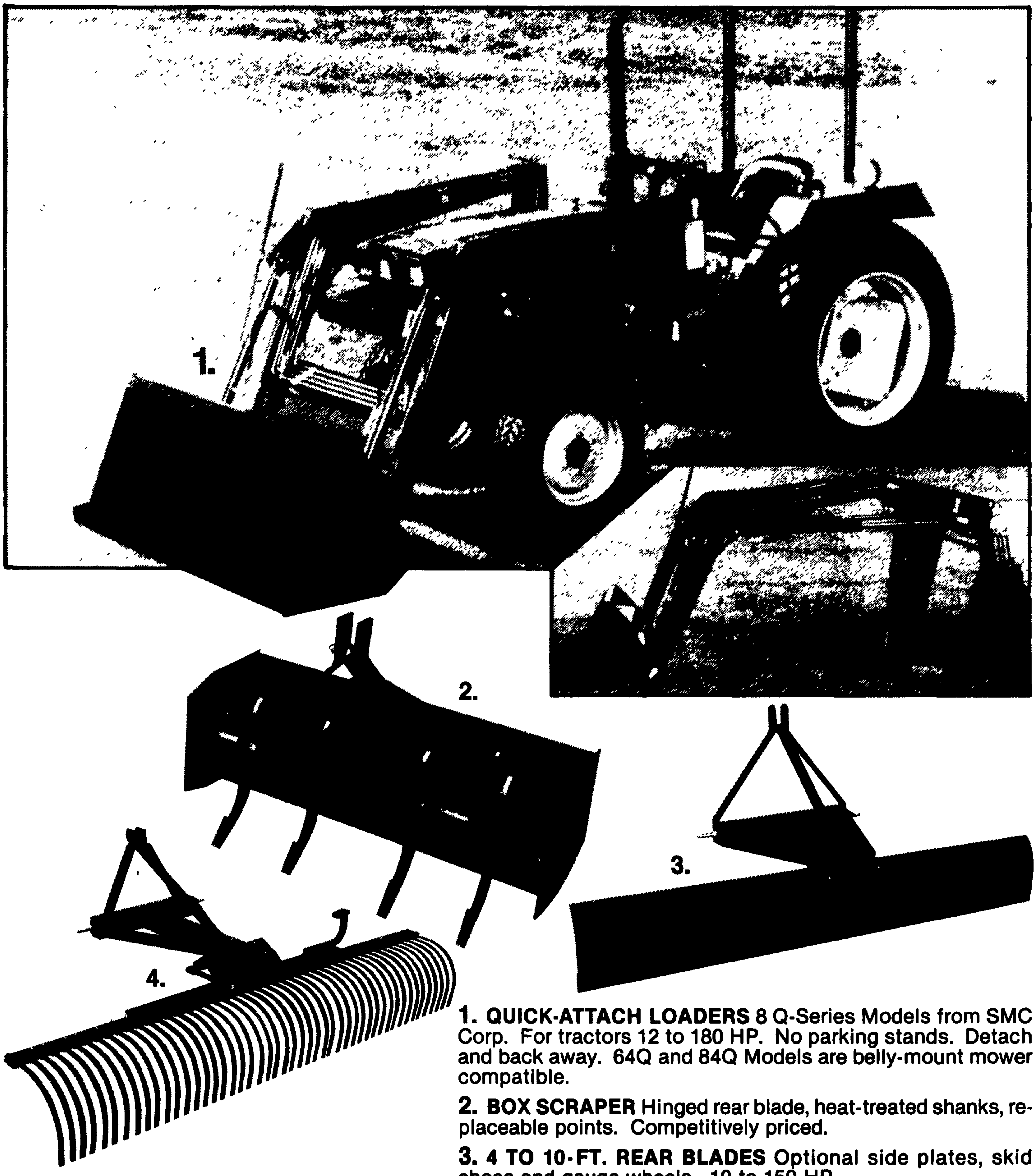

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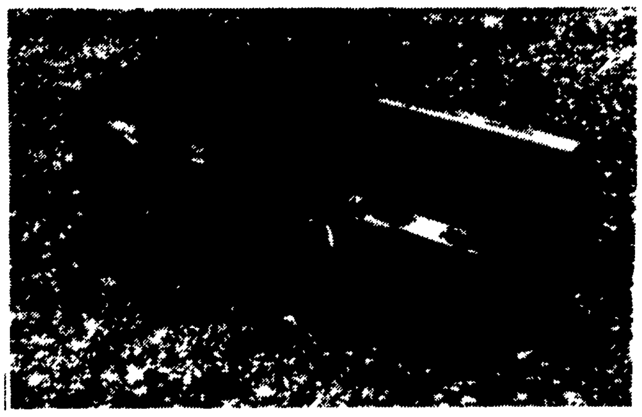

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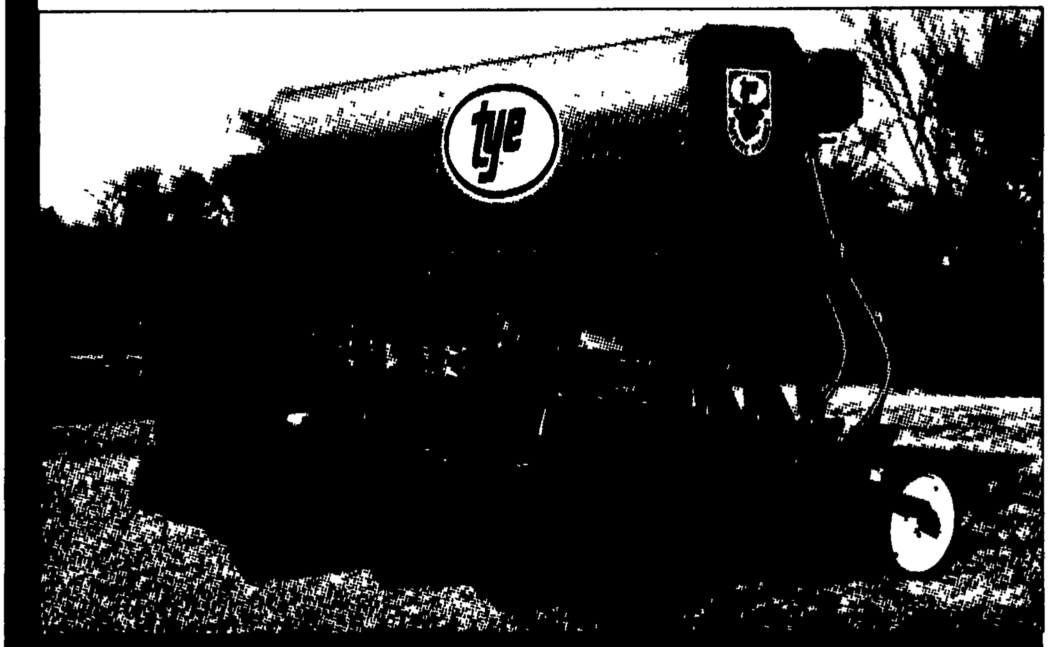

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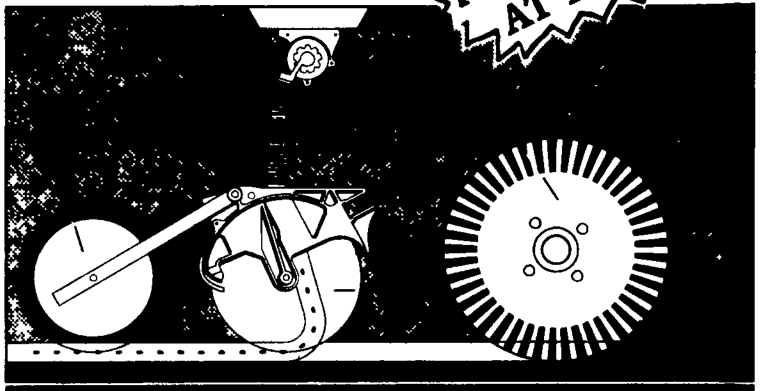

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75th Farm Show Has Grand Opening

HARRISBURG (Dauphin Co.) — The pride of Pennsylvania agriculture kicks off tomorrow when the 75th Pennsylvania Farm Show opens its doors in Harrisburg.

This year's celebration is a tribute to the millions of visitors and exhibitors who have made the show what it is today.

From modest beginnings in 1917, the show has grown into the largest indoor agricultural exposition in the country. With thousands of competitive exhibits and hundreds of commercial exhibits, the Farm Show features the best of Pennsylvania agriculture in a 14-acre display.

Opening day activities start with a non-denominational worship service, open to the public, at 11:15 a.m., in the Large Arena. The Rev. Dr. Dwight L. French, regional minister for the Disciples of Christ Christian Church, will be the featured speaker. Music will be offered by the Harrisburg Choral Society under the direction of Donald L. Clapper.

A horse-drawn carriage driven by Roger Thoms of Centre County will transport Gov. Robert P. Casey, Mrs. Ellen Casey, Secretary of Agriculture Boyd E. Wolff and Mrs. Margaret Wolff into the Large Arena for the grand opening ceremony at 12:15 p.m. (Thoms of Centre Hall earned the honor at last year's Farm Show by winning the horse-hitched team competition).

After his salute to the 75th State Farm Show and Pennsylvania agriculture, Gov. Casey is to be greeted by 26 representatives of Pennsylvania's agricultural associations.

Exhibit halls open from 1 p.m. to 6 p.m. tomorrow.

The exhibition halls officially open to the general public at 1 p.m. Visitors can see thousands of animals on display, including beef and dairy cattle, hogs, horses, sheep, rabbits and poultry.

Representatives of 250 commercial and educational exhibits will be stationed at their booths to talk with Farm Show visitors about the newest products and equipment. The judges will have assigned blue ribbons for hundreds of categories in the competitive farm and home exhibits for visitors to view as well.

The Pennsylvania Food Court in the East Building will be the new gathering place for hungry Farm Show visitors. Nine commodity associations will serve their specialities in a larger and more accessible area of the complex.

Sunday is Family Day at the Farm Show and entertainment is high on the list of attractions.

The Pennsylvania High School Rodeo Association will demonstrate their maneuvers in the Large Arena beginning at 1:30 p.m. They will thrill the audience with team roping, saddle and bareback riding, bull riding, steer wrestling, calf roping, pole bending and barrel racing.

The Cumberland County 4-H Horse Club Drill Team will perform during the rodeo intermission.

Sheep judging and scheduled cooking demonstrations round out the day's events, along with the selection of the supreme champion gilt and supreme champion sheep for meat breeds. The exhibit halls close at 6 p.m. on Sunday.

Admission to the Farm Show is free, although there is a $2 per vehicle parking charge at the 60-acre complex in Harrisburg, just off Exit 23 of I-81.

The following representatives of Pennsylvania agricultural associations and institutions are scheduled to participate in the Grand Opening of the 75th Farm Show:

- **Apple Queen** — Emily Lott of Biglerville, Adams Co.
- **Beef Industry Representative** — Faye Krevel, Cherry Tree, Indiana Co.
- **Dairy Princess** — Kristin Metzker, Martinsburg, Blair Co.
- **Dairy Goat Association Youth Representative** — Heather Peters, Bellefonte, Centre Co.
- **Delaware Valley College Ag Ambassador** — Tracy Lee Cooper, Southampton, Bucks Co.
- **Delaware Valley College Ag Ambassador** — Doug Lindl, Allentown, Lehigh Co.
- **Draft Horse & Mule Queen** — Jennifer Biddle, Boalsburg, Centre Co.
- **Queen Evergreen XXVII** — Anita Honacki, Indiana, Indiana Co.
- **Fair Queen** — Denise Jean Sustrick, West Finley, Washington Co.
- **FFA President** — Keith E. Hay, Berlin, Somerset Co.

(Turn to Page A50)

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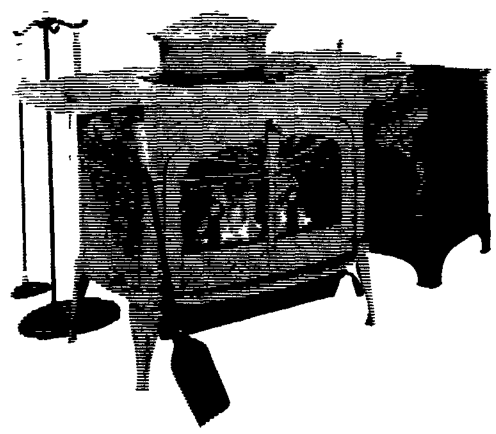

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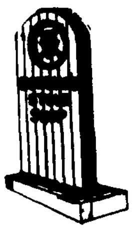

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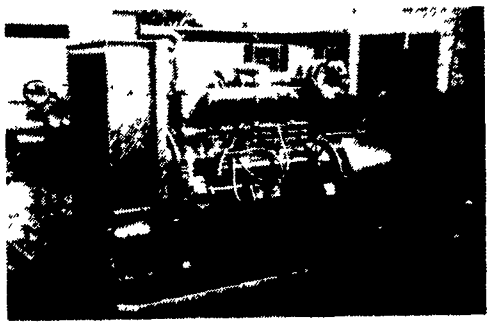

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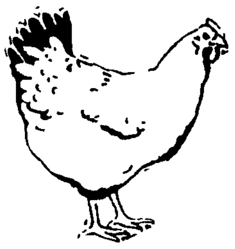
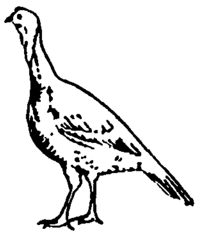


POULTRY BUILDINGS & EQUIPMENT



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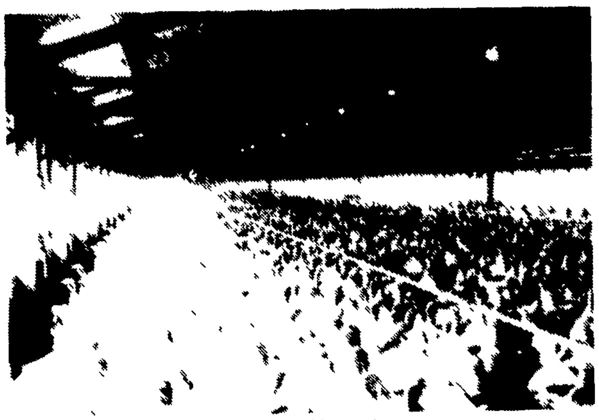

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Farm Show: Special Features, Special Attractions

ANIMALS ON DISPLAY - Over 5,000 animals will be exhibited throughout Farm Show Week. Sheep, swine, horses, dairy cattle, beef cattle, dairy goats, poultry and rabbits will be the focal point of judging competitions and sales.

APPLE PIE CONTEST - Now in its third year, the Blue Ribbon Apple Pie Contest has become a Farm Show tradition. Co-sponsored by the Pa. Apple Marketing Board, the contest brings together certified winners from 1990 local and county fairs to compete for the state title.

ASSOCIATION MEETINGS - Farm Show Week provides a great opportunity for agricultural associations to conduct meetings since so many members are already attending or participating in the show. If your agricultural organization would like to schedule a meeting room during the show, please call 717-787-5373.

BEEF CATTLE - See five different breeds of beef cattle in competition at the 75th Farm Show. In addition to the popular Angus cattle, the show features Limousin, Polled Hereford, Charolais and Simmental breeds. Open beef cattle judging is scheduled for Tuesday, and the junior beef and steers will be judged on Thursday in the Large Arena.

BRED GILT SHOW AND SALE - The Bred Gilt Show and Sale affords swine breeders an excellent opportunity to purchase champion animals to build and improve their herds. Berkshire, Duroc, Hampshire and Landrace swine will be sold on Monday in the Small Arena, with Yorkshire, Spotted Swine, Poland China and Chester White swine going to auction on Tuesday.

BUTTER SCULPTURE - For the first time ever, the Farm Show presents a butter sculpture. Co-sponsored by the four dairy promotion agencies operating in Pennsylvania, the sculpture will be hand-carved from 800 pounds of Keller's Butter. The butter will be donated to local food banks when the show is over. This unique exhibit will be on display throughout the week in the Main Lobby, so bring your cameras!.

CAPITAL IMPROVEMENTS - Governor Casey has authorized the release of more than $3.2 million in capital funds for construction of a new livestock exhibition hall at the Farm Show Complex. The two-story addition will be located south of the Large Arena, adjacent to the East and North buildings. Construction is schedule for completion prior to the 1993 show. The installation of a new roof over the Large Arena was recently completed, and other projects slated for completion in mid-1991 include new lighting, heating and sound systems in the Large Arena.

COCOA COOKIE AND CAKE CONTESTS - Division winners of county and local fairs will compete in this new event co-sponsored by the Pa. State Association of County Fairs. Champions in both categories will win a weekend trip for four to their choice of the nearby Hershey Resort and Conference Center or the Hershey Hotel.

COMMERCIAL EXHIBITORS - See more than 250 commercial exhibits featuring the newest innovations in farm equipment, services and products. With over $10 million of equipment on display, you will want to give yourselt plenty of time to see and learn about this year's newest products.

COMMODITY DISPLAYS - Some of the Farm Show's best kept secrets are located in the the East and West Lobby. The commodity displays include such products as corn, hay, tobacco, maple syrup, fruit, nuts, honey, potatoes, small grains, vegetables, evergreen trees, poultry, wool and mushrooms. See some of Pennsylvania's finest agricultural products in competition.

COOKING DEMONSTRATIONS - Looking for some new menu ideas? Cooking demonstrations will be featured daily in the Pennsylvania Food Pantry in the West Lobby. Student chefs from the Indiana University of Pennsylvania and the Harrisburg Area Community College will share their culinary talents, preparing recipes with quality Pennsylvania food products.

DAIRY CATTLE SHOWS - Over 400 head of dairy cattle representing six major breeds will be exhibited in the North Building throughout Farm Show Week. Dairy cattle judging takes place on Wednesday in the Large Arena, concluding with the selection of the Supreme Champion Dairy Cow.

DAIRY FUN NIGHT - Showgoers will find plenty to smile about during this all new Monday evening program in the Small Arena. Co-sponsored by the Pennsylvania Dairy Promotion Program, the event features an ice cream churning contest, butter making contest, celebrity milking contest, calf dressing and dairy jeopardy in recognition of Pennsylvania's outstanding dairy industry.

DAIRY GOAT SHOW - If dairy goats are a priority on your list of things to see at the Farm Show, plan to attend on Friday. The dairy goat judging begins at 8:30 AM in the Large Arena, with competition and dairy goats on display there throughout the day.

EDUCATIONAL EXHIBITS - Federal and state government agencies, along with universities and agricultural organizations, offer Farm Show visitors valuable information on their services and activities.

FAMILY LIVING EXHIBITS - The Family Living Department on the Lower Concourse of the Large Arena gives the homemaker and craft enthusiast an opportunity to guage their skills in statewide competition. The food, clothing and craft exhibits make this stop appealing to young and old alike.

FARM SHOW POSTER - A commemorative poster has been specially designed to mark the 75th Farm Show. The poster salutes the proud heritage of Pennsylvania agriculture using a 1903 image of a farmer husking corn. The image is taken from the tiled pavement in our State Capitol Building and is one of many scenes recognizing agriculture. A limited number of the posters will be on sale at the souvenir stands during Farm Show Week.

FLOWERS - Over 3,000 poinsettias are used to decorate the facility during Farm Show Week. The flowers, purchased from the Pennsylvania Florists Association, come from more than 80 greenhouses around the Commonwealth. The asssociation uses the proceeds from this decoration contract to fund educational programs which promote their industry.

FOLK DANCE FESTIVAL - The Folk Dance Festival, scheduled for Tuesday evening in the Large Arena, has always been a sight to behold. This year promises to be no exception. The competition will be intense as 50 sets of dancers vie for monetary prizes in three divisions.

4-H HORSE DRILL TEAM - Hooves will click and flags will fly as 25 members of the Cumberland County 4-H Horse Drill Team perform a precision riding program during the rodeo intermission on Sunday. This club has been pleasing Farm Show audiences for many years and this year promises to be every bit as exciting.

4-H OPPORTUNITIES - Along with the traditional 4-H exhibits, the 1991 Farm Show has been expanded to include many new 4-H creative endeavors, like shooting sports, indoor gardening and child care projects. The 4-H display area, located on the Lower Concourse of the Large Arena, will be open to the public all week.

HISTORICAL MARKER - In conjunction with the 75th Farm Show, the Pennsylvania Historical and Museum Commission will honor the significance of the event by placing an historical marker on the Farm Show grounds. Through its Historical Marker Program, the Commission commemorates events that have had meaningful impact on their times. The annual Farm Show is being recognized not only for its local importance, but its statewide and national significance as well.

HISTORY BOOK - The chance to relive the history of the Pennsylvania Farm Show awaits you in this special publication. The book traces the history of the show from its modest beginnings into one of the premier agricultural events in the nation. Beginning on January 6, a limited number of these commemorative books will be on sale at souvenir stands around the complex.

HORSE SHOWS - Always a favorite, horse shows and contests dominate the evening programs in the Large Arena. The draft horse hitched competition on Monday evening is the first of the events, followed by the Horse Pulling Contest on Wednesday and the Pony Pulling Contest on Thursday. Equine lovers will also find more than 100 horses in the Northwest Building as exhibitors groom them for judging. Discover the strength, skill and beauty of these majestic animals.

JUNIOR LIVESTOCK SALE - The Junior Livestock Sale (sheep, swine and beef) recognizes the dedication and achievements of 4-H and FFA members involved in junior market livestock programs. Earnings from the auction go directly to the young exhibitors, often enabling them to pursue careers in agriculture. Held in the Small Arena on Friday, the sale is supported by many statewide and local businesses. The Farm Show is challenging businesses and

(Turn to Page A29)

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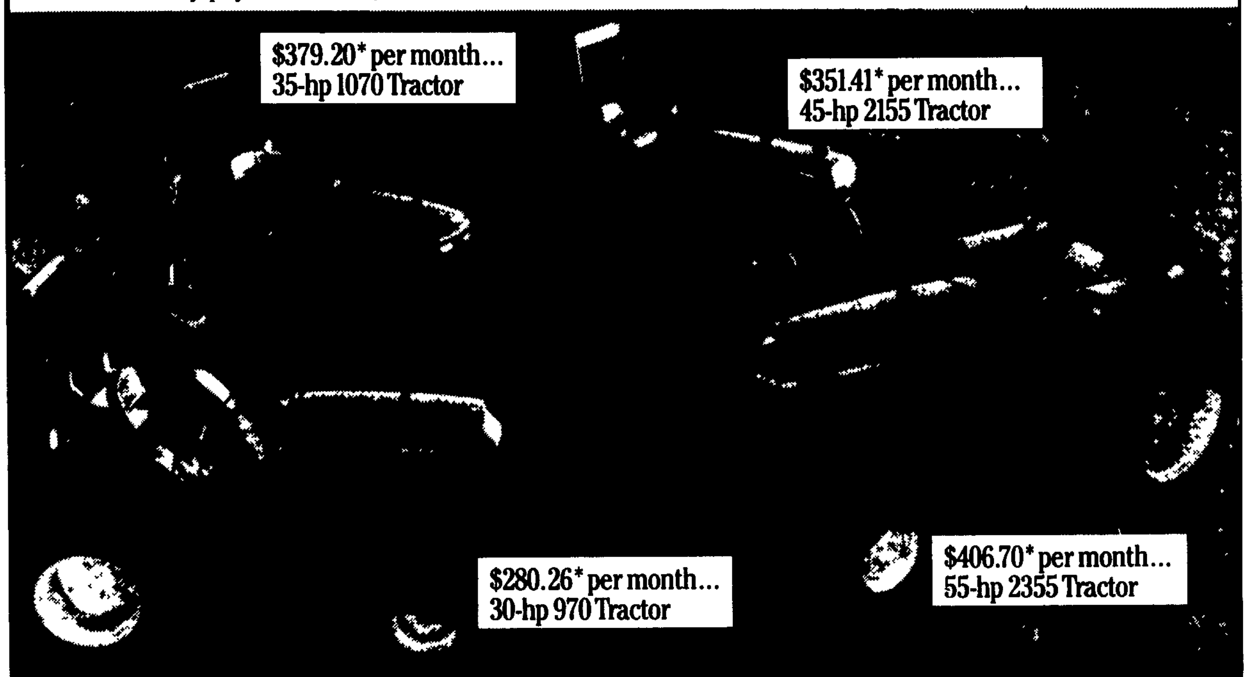

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LEADERSHIP AT WORK

Bad Weather, Good Turnout For Lebanon Winter Roundup

VERNON ACHENBACH JR.
Lancaster Farming Staff

NORTH CORNWALL (Lebanon Co.) — Cold, inhospitable weather seems to becoming part of a tradition for the annual Lebanon County 4-H Livestock Club's Winter Roundup, held Dec. 27 at the Lebanon Area Fairgrounds.

For at least the second year in a row, freezing temperatures set the stage for the event. This year about 2 inches of snow covered the ground by the time the sale of market animals was finished.

Shelby Heagy, holds her grand champion beef animal steady while David Martin displays his buyer's plaque.

The weather has yet to detract from the event, which is the end-of-the year sale and show for the club. In fact this year's sale netted about $2,000 more for the county youth.

A total of 13 sheep, three beef animals and 117 market hogs were shown during the roundup.

The sale netted a total of $28,027.61. Last year's sale brought in a little more than $26,000.

The market hogs brought the most for the club, with an average sale price of 86 cents per pound, for a total of $22,459.11.

Of the market lambs, the average was $1.24 per pound, for a total of $1,638.45.

The beef animals sold for an average of $1.07 per pound for a total of $3,930.05.

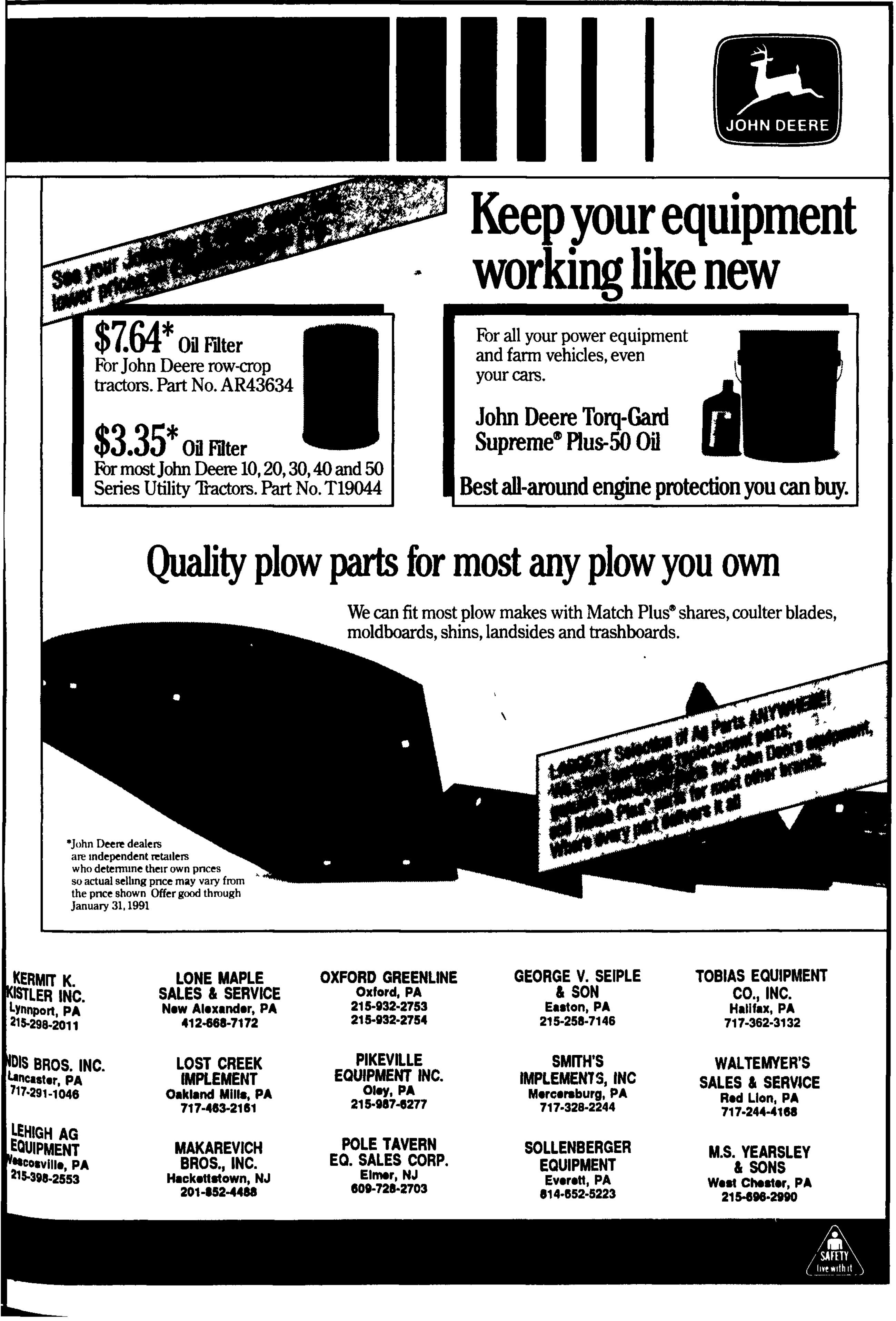
There were 41 buyers present.

The grand champion market lamb, shown by Benjamin Bow Jr., weighed 120 pounds and was bought by Dennis Grumbine, of Everygreen Tractor Co., for $2.60 per pound.

(Turn to Page A42)

Daryl Grumbine holds his reserve grand champion market lamb while buyer Michael Firestine holds a plaque he received for buying the animal.

Benjamin Bow holds his grand champion market lamb of the Lebanon 4-H Winter Roundup while Dennis Grumbine holds the plaque he received for buying the animal.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Special Features

(Continued from Page A28)

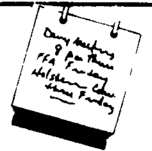
others to support the 1991 Junior Livestock Show and Sale. Plan to attend and express your support for this worthwhile and exciting event.

MILKING PARLOR - Over 200 dairy cows are milked twice daily in a modern milking parlor in the North Building. The facility is a miniature version of the milking barn and milk houses found on commercial dairy farms. Our accommodations are unique among dairy shows because the facilities are approved by State Milk Sanitarians for the production and sale of fluid milk. Farm Show visitors have an opportunity to observe these activities, basic to every dairy farm enterprise.

. **OFFICIAL PROGRAM SOUVENIR BOOK** - The Official Program Souvenir Book can be purchased at any of the main entrances to the Farm Show Complex. This annual publication highlights past and present Farm Shows, and includes valuable information on Pennsylvania agriculture and the vital associations that make it our number one industry.

OLDER PENNSYLVANIANS DAY - A reception center will be open Monday from 8 a.m. to 4 p.m.

Farm Calendar



(Continued from Page A10)

Fairgrounds, Timonium, 9:30 a.m.-4:30 p.m.

Sunday, January 13

Monday, January 14

Centre Co./Clinton Co. Crops Day, Logan Grange Hall, Pleasant Gap, 9:30 a.m.

York Co. DHIA Workshop, York Co. 4-H Center, 9 a.m.-noon.

Northumberland Co./Penn State eighth annual winter conference, First Baptist Church, Milton, 10 a.m.-3 p.m.

Basic water quality management, Penn State.

Tuesday, January 15

Lancaster Co. dairy farm rental and business agreement meeting, Farm and Home Center, 7:30 p.m.

New Jersey annual vegetable meeting, Trump Castle Hotel and Casino, Atlantic City, thru Jan. 17.

Woody Ornamental Plant Identification Course, Neshaminy Manor Center, Doylestown, 10 a.m.-4 p.m., repeats Jan. 16, 23, and 25.

Berks/Montgomery Weed Management Course, Oley Valley High School Vo Ag Room, repeats Jan. 22, 29 and Feb. 5, 12, 19, 1:30 p.m.-3 p.m.

Schuylkill Co. income tax meeting, Leiby's Ice Cream House, Tamaqua, 9 a.m.-4 p.m.

York Co. 4-H DHIA Workshop, York Co. Extension Office, East York, 12:30 p.m.-3 p.m.

Elk Co. Part-Time Farming for Profit, ag business, bee management, Elk Co. Extension Office, repeats Jan. 29, Feb. 12, March 5, March 12.

Beaver/Butler/Lawrence Co. Reproductive Management School, Pleasant Hill Grange, 9:30 a.m.-3 p.m.; repeats Jan. 29.

Lime, Fertilizer, and Pesticide Conference, State College, thru Jan. 17.

Dairy Production Medicine, Penn State, thru Jan. 16.

Adams/Franklin/Cumberland beef producers meeting, Shippensburg Junior High School Vo-Ag Room, 7:30 p.m.

Capitol Region Greenhouse Grower meeting and tour, LAntern Lodge, Myerstown, 9 a.m.-3:45 p.m.

Wednesday, January 16

New Jersey annual vegetable meeting, Trump Castle Hotel and Casino, Atlantic City, thru Jan 17.

Woody Ornamental Plant Identification Course, Neshaminy Manor Center, Doylestown, 10 a.m.-4 p.m., repeats Jan. 23 and 25.

Penn-Jersey fourth annual Dairy Expo, Days Inn Motor Lodge, Allentown, 9 a.m.-3 p.m.

National Western Stock Show, Cashmere Classic, Denver, Colorado, 10 a.m.-show, 7 p.m.-sale.

Pa. State Association of County Fairs 79th annual convention, Greentree Marriott, Pittsburgh, thru Jan. 18.

Washington Co. Dairy Reproduction Workshop, repeats Jan. 30.

Montgomery Co. income tax meeting, Family Heritage Restaurant, Franconia, 9 a.m.-4 p.m.

York Co. DHIA Workshop, Pine Grove Presbyterian Church, Sunnyburn, 9:30 a.m.-noon.

Lime, Fertilizer, and Pesticide Conference, State College, thru Jan. 17.

Using Wildflowers In The Landscape, York Extension, 7 p.m.-9 p.m.

Greene Co. Dairy Reproduction Workshop, Rostraver Grange Building, 9:45 a.m.-3 p.m.; repeats Jan. 30.

Environmental Awareness Evening Garden Series, Eco-Action Series, York Co. Extension, 7 p.m.-9 p.m.

Westmoreland Co. Dairy Herd Reproductive Workshop, Rostraver Grange, 10 a.m.-3 p.m.

Penn State Water Quality Workshop, Memorial Hall, Emporium, 6:30 p.m.-8:30 p.m.

Thursday, January 17

Lancaster Co. income tax meeting, Farm and Home Center, Lancaster, 9 a.m.-3 p.m.

New Jersey annual vegetable meeting, Trump Castle Hotel and Casino, Atlantic City.

Pa. State Association of County Fairs 79th annual convention, Greentree Marriott, Pittsburgh, thru Jan. 18.

Lime, Fertilizer, and Pesticide Conference, State College.

Mercer Co. DHIA awards banquet, Extension Center, 11:30 a.m.

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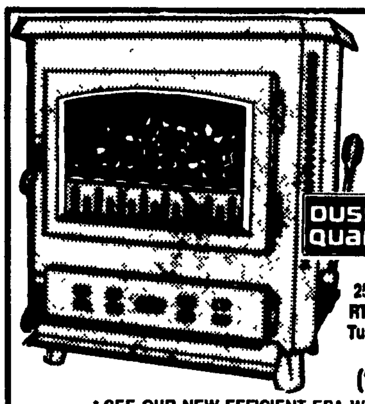

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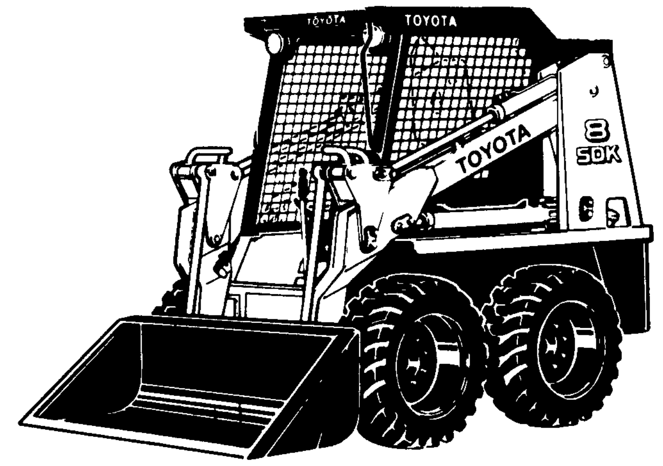

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Beef Report

Jan. 2, 1991

Report supplied by USDA

UT BRL 2-4, 450 AND UP, 4 LOADS, RANGE 86.00-87.00, LATEST ESTB MKT 86 00-87.00 500/UP.

YG1, LATEST ESTB MKT 106 00 C.

BONELESS PROCESSING BEEF

BEEF TRIMMINGS

141 LOADS REPORTED

BONELESS PROCESSING BEEF 1 00-1 50 LOWER FOB OMAHA, FOB TEXAS-OKLA 1.50-2 00 LOWER DEMAND AND OFFERINGS LIGHT. BEEF TRIMMINGS RATHER UNEVEN ON MODERATE TO FAIRLY GOOD DEMAND AND OFFERINGS.

FOB OMAHA BASIS

90% FRESH, 7 LOADS, RANGE 135 00, WT. AVG. 135 00.

90% FROZEN, UNQUOTED.

85% FRESH, RANGE 126.0-127.0, WT AVG. 126.33 C

85% FROZEN, UNQUOTED.

75% FRESH, RANGE 105.00, WT AVG 105.00 C.

75% FROZEN, UNQUOTED.

65% FRESH, 5 LOADS, RANGE 86.0, WT. AVG. 86.00.

65% FROZEN, UNQUOTED.

50% FRESH, 101 LOADS, RANGE 57.50-61.00, WT. AVG. 59.29.

50% FROZEN, 2 LOADS, RANGE 62 00, WT. AVG. 62 00.

50% BX, UNQUOTED.

BULL 92-94, RANGE 150 0, WT AVG. 150 00 D.

FOB EAST TX AND OK

90% FRESH, 16 LOADS, RANGE 133 0-134.0, WT. AVG. 133.75

90% FROZEN, 10 LOADS, RANGE 135 5-136.0, WT. AVG. 135 85

85% FRESH, UNQUOTED.

85% FROZEN, UNQUOTED

75% FRESH, UNQUOTED.

75% FROZEN, UNQUOTED

65% FRESH, UNQUOTED

65% FROZEN, UNQUOTED

BULL 92-94 UNQUOTED.

CAF NORTHEAST AREAS

90% FRESH, UNQUOTED

90% FROZEN, UNQUOTED

85% FRESH, UNQUOTED.

85% FROZEN, UNQUOTED

75% FRESH, UNQUOTED.

75% FROZEN, UNQUOTED

65% FRESH, UNQUOTED

65% FROZEN, UNQUOTED

**ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS

Peoria Cattle

Peoria, Illinois

Wednesday, January 2, 1991

FEDERAL-STATE CATTLE WEEKLY TRADING MODERATE. COMPARED WITH LAST MONDAY SLAUGHTER STEERS AND HEIFERS FULLY STEADY. AT THE AUCTION SLAUGHTER COWS 2.00 TO 3 00 HIGHER. FEW SALES OF SLAUGHTER BULLS STEADY TO 1.00 HIGHER NOT ENOUGH FEEDER CATTLE FOR A MARKET TEST. SUPPLY MAINLY SELECT TO AVERAGE CHOICE SLAUGHTER STEERS AND HEIFERS WITH ABOUT 15% COWS FOR AUCTION. RECEIPTS THIS WEEK ABOUT 700 AS COMPARED WITH 466 A WEEK AGO AND 1284 A YEAR AGO.

SLAUGHTER STEERS: CHOICE 2-4 1050-1300 LBS. 80.00-82.50 MIXED SELECT & CHOICE 2-3 1000-1300 LBS. 77.00-80.00 SELECT 2-3 900-1200 LBS. 73.00-77.00.

SLAUGHTER HEIFERS: CHOICE 2-4 950-1150 LBS. 79.00-81.00 MIXED SELECT & CHOICE 2-3 900-1100 LBS. 75.50-79.00 SELECT 2-3 800-1050 LBS. 71.50-75.50.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 52.50-58.50 CUTTER AND BONING UTILITY 1-3 51.50-56.50 CANNER AND LOW DRESSING CUTTER 1-2 42.50-50.50.

BULLS: FEW YG 1-2 1740-2435 LBS. 60.50-67.50.

Oklahoma City Feeder Cattle Report

Oklahoma City, Okla.

Wednesday, January 2, 1991

RESENT TO CORRECT DATE OF REPORT **ATTENTION DODGE CITY** OKLAHOMA NATIONAL STOCKYARDS: WEEKLY CATTLE SUMMARY COMPARED WITH LAST TEST, TWO WEEKS AGO. FEEDER CATTLE AND CALF TRENDS NOT TESTED. BULK OF THE SUPPLY SLAUGHTER COWS, PRICES AVERAGING STEADY. GOOD DEMAND FOR CUTTER AND BONING UTILITY COWS; FAIR DEMAND FOR BREAKERS. BULLS SCARCE. TRADE SOURCES EXPECT A GOOD RUN NEXT WEEK THIS WEEK THE COMBINATION OF SEVERE WINTER WEATHER AND THE NEW YEAR'S HOLIDAY CUT DEEPLY INTO THE RUN. RECEIPTS THIS WEEK 100; LAST WEEK THE STOCKYARDS WAS CLOSED FOR THE CHRISTMAS SEASON; LAST YEARS COUNT 6,111 HEAD. SUPPLY LARGELY SLAUGHTER COWS. BULK PRICE RANGES FOLLOW.

SLAUGHTER COWS· CUTTER, BONING AND BREAKING UTILITY YG. 1-4, AVERAGE DRESSING $49.00-$53.00, HIGH DRESSING ABSENT; LOW DRESSING $47 75-$49 75

New Holland Dairy

New Holland Sales Stables

Wednesday, Jan. 2, 1991

Report supplied by auction

120 COWS, 106 HEIFERS AND 5 BULLS. MARKET LOWER THAN TWO WEEKS AGO.

WISCONSIN FRESH COWS: 1175.00-1625 00.

PA FRESH COWS: 900 00-1500.00.

PA FRESH COWS 935.00-1300 00.

PA FRESH COWS: 960 00-1475 00.

PERRY COUNTY FRESH COWS: 840.00-1325.00.

PA FRESH COWS. 900.00-1200.00, SPRINGERS 1075.00-1300.00

OHIO AND PA FRESH COWS: 690.00-1700.00, SPRINGERS 820 00-1150 00.

LOCAL SPRINGING HEIFERS. 825.00-1100 00.

SHORTBRED 710 00-800.00

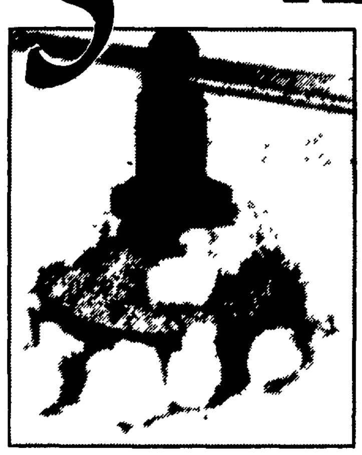
OPEN BREEDING AGE 600 00-720.00

SMALL OPEN: 300 00-510.00.

VACCINATED HEIFERS BRING A PREMIUM

BULLS: 560.00-760 00.

LOCAL COWS: 675 00-1475.00, 1 PUREBRED 2025.00.



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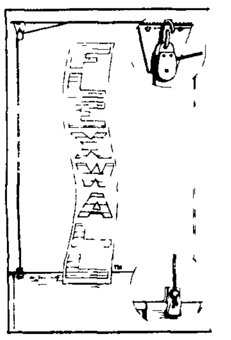

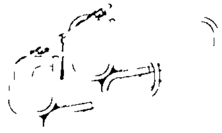

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We hope our company has helped get the market prices where they are today and we will continue to work for our 609 customers in the future.

We will receive tobacco at our buying station from 8 a.m. to 4 p.m. Monday thru Friday.

We are located in Martin's Sales Barn, 2 miles east of Intercourse at the intersection of Rt. 340 & New Holland Rd.

If you have any questions, pleast contact Golden Leaf Tobacco Company, or one of our buyers for daily prices.

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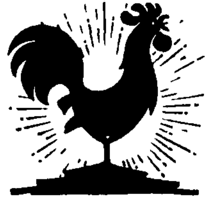

SOMETHING TO CROW ABOUT...

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Produce Markets

Philadelphia Fruit Market

Philadelphia, Pa.

Monday, December 31, 1990

NOTICE NO REPORTS WILL ISSUED TUESDAY AND WEDNESDAY, JANUARY 1 AND 2, 1991 DUE TO THE NEW YEARS HOLIDAY. THE PHILADELPHIA WHOLESALE MARKET WILL BE CLOSED ON TUESDAY AND REOPENED AT NOON ON WEDNESDAY. THE MARKET NEWS OFFICE WILL BE CLOSED ON TUESDAY.

GRAPEFRUIT ABOUT STEADY FL 4/5 buctn Red 23s 14.00 32-40s 12.00 Indian River Red 23-27s 13.50 one label 14.50 32-36s 12.50 one label 13.50 40s 11.00 one label 12.50 48s 9.00-10.50 mos 10.00 one label 11.50 56s 7.00 fair qual 23-32s 10.50 36s 9.50 40-48s 8.50 White 48s 9.00.

LEMONS ABOUT STEADY CA ctn 95-115s 30.00 140s 26.00 165s 20.00-24.00 200s 16.00-18.50 fair qual 95-115s 22.00 140-165s 18.50 200s 16.00 AZ ctn fair qual 115s & 140s 20.00 BAHAMAS 4/5 buctn 200s 15.00 fair qual 75s 15.00 95-115s 17.00-18.00 165s 15.00 235s 11.00.

LIMES FL HIGHER, MEXICO ABOUT STEADY 10-lb ctn Persian Seedless type FL 42-63s 8.50 MEXICO 48s 5.50-6.00 54s 4.50-6.00 63s 4.50-5.50.

MISCELLANEOUS CITRUS SPAIN 10-kilo crt Clementine 120s 18.00.

ORANGES FL HIGHER, CA ABOUT STEADY CA ctn Navel 48s 28.00 56s 24.00-28.00 72s 28.00 88s 26.00-28.00 113s 24.00-26.00 138s 22.00-24.00 fair qual 40-56s few 26.50 72-88s 22.00-24.00 few 26.50 113s few 24.50 138s few 21.50 FL 4/5 buctn Navels 48-56s 16.50 64s 15.50 80s 13.50 100s 12.50 fair qual 48 & 64s 10.00 80s 8.00-9.00 Pineapple 64s 10.50-11.50 80s 12.00-13.00 few 11.50 occ 10.50 100s 11.00- 13.00 few 10.50 125s 10.00-12.00 mos 10.00-10.50 Hamlins 100s 11.00-12.00 few 64-80s 11.00 100s 9.00-10.00 125s 9.00.

TANGELOS ABOUT STEADY FL 4/5 buctn Orlando 48s 12.00 64-80s 12.00-14.00 mos 13.00 100s 12.00- 13.00 mos 12.00 125s 11.00.

TANGERINES ABOUT STEADY FL 4/5 buctn Dancy 100-120s 18.50 Honey type 80s 18.00-20.00 100s 20.00- 22.00 some 18.00 120s fair cond 15.00-16.00 150s 25.00 fair cond 14.00- 15.00 MEXICO 4/5 bucrt Dancy 80s 16.00 100s 15.00 120s 14.00 fair cond 8.00 150s fair cond 12.00-13.00 ord cond 6.00-8.00.

TEMPLES OFFERINGS INSUFFICIENT TO QUOTE: APPLES ABOUT STEADY ctn tray pack WA Red Delicious WAExFcy 88s 18.50-22.00 100-113s 18.50 one label 64-72s 25.00 80-88s 23.00 100s 22.00 113s 20.00 USExFcy 64-72s 19.00 80-88s 16.00-18.00 one label 19.50 100s 16.00-18.00 one label 18.50 113-138s 16.00 Golden Delicious WAExFcy 80s 19.00-21.00 one label 23.00 100s 88s 19.00-21.00 one label 23.00 100s 18.00-20.00 one label 22.00 113s 16.00 USExFcy 88s 18.00-18.50 100s 17-17.50 CA Granny Smith USFcy 80-88s 18.50 ID Red Delicious IDExFcy 80-88s 18.50 100s 17.50 113s 16.50 IDFcy 80-113s 15.00 ctn cell pack NY McIntosh US#1 80s 11.00 100s 10.00 120s 9.00 ctn 12-3 lb film bags NO SALES REPORTED.

APPLE-PEARS OFFERINGS INSUFFICIENT TO QUOTE.

APRICOTS CHILE 2-lyr lug Castlebrite 70-80s fair cond 6.00-8.00 98s 15.00 102s fair cond 8.00-10.00 108s 15.00.

AVOCADOS FL flat ctn Various greenskin varieties 8-10s 13.00 CA 2-lyr ctn Hass 48s 38.00-40.00.

BANANAS Imports ctn approximately 40-lb 12.00 fair qual 10.50 film wrpd 12.00 Institutional pack Petite 150s 11.25.

BLACKBERRIES OFFERINGS INSUFFICIENT TO QUOTE.

BLUEBERRIES OFFERINGS INSUFFICIENT TO QUOTE.

CHERRIES OFFERINGS LIGHT

(Turn to Page A35)

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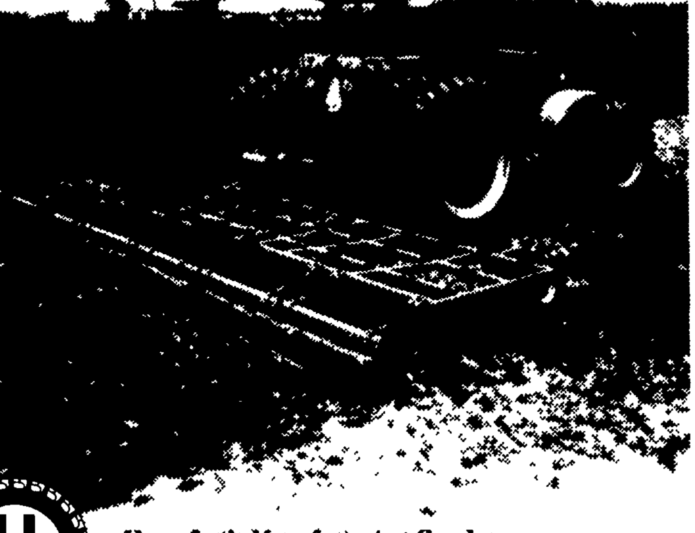

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- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)
- 35 and 3800 Harvesters
- Grain Platform
- Combine Corn Head

This is a partial listing. Please call for availability even if your machine is not listed.

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JD 2040 Diesel	$6,950
JD 4040 Power Shift, Sound Guard, 2300 Hrs., Sharp	$26,600
JD 4240 PS, Sound Guard	$27,500
Bobcat 643 Diesel Skid Steer Loader	$8,750
Ford 4 SOLD Diesel	

COMBINES & PICKERS:

6620 Side Hill, turbo hydro, heater & air, monitor, spreader.	
NI 818 combine, sharp	
JD #343 3 Row 30" Corn Head	$3,650
(2) JD 443 Corn Heads	ea. $4,650
JD 4400 Diesel Rotary Screen Combine, Auto Header Heights, Air, Monitor, 23.1x26, and VS Feeder House	
JD 6600 Diesel Side Hill Hydro Combine, Auto Header Heights, 28L Tires, Nice	$21,750
JD 653 6 Row 30" Bean Head	$4,450
JD 300 Corn Picker w/2 Row Wide Head	
JD 4420 Combine, Loaded, Nice	
JD 13' Quick Tach Rigid Grain Head	$1,850
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JD 213 Rigid Grain Head w/Pickup Reel	$3,650
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JD 4425 Combine, Nice	

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JD 1 Row, Row Crop Attachment, Nice	$550
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NH 268 Baler w/Ejector	
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JD 24T Baler w/#30 Ejector	$2,850
NH #499 12' Hydraulic Haybine	$7,350
JD 336 Baler w/#30 Ejector	$5,850
JD #30 Hydraulic Bale Ejector	$1,500
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JD 7000 No-Till Planter, Liquid Yetter, Counters, Monitor, Nice	$8,750
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(2) ea. JD 8000 18x7 Drills w/Tandem Hitch, DD w/Grass	Both For $7,950
JD 24B 2 Row Planter Unit	$750
JD Model B 14x7 Double Disc Drill	$1,450

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JD 12' TWA Plowing Disc	$3,250
Kewanee 12' Rock Flex Disc	$2,450
Kewanee 800 Rock Flex Plowing Disc 12'	$2,950
Brady 18' Folding Field Cultivator	$2,150
JD 12' Field Cultivator w/Harrow	$1,450
JD 210 14' Black Gang Disc	$3,850
JD #220 18' Center Fold Disc	$4,150
IH 475 20' Hydraulic Wing Disc	$4,350
JD 230 27' Wing Fold Disc w/New Blades	$7,850
JD BWF 12' Disc	$1,850

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JD 444 4 row wide corn head
JD F125 3-16" Plow
IH 464 utility tractor

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JD 2500 7x18" On-Land Plow	$5,400
JD 1B Roll-Over Plow	$1,250
IH 7 Tooth 3 Pt. Chisel	$1,275
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JD 2700 6B Auto Reset On-Land Plow	$7,450
JD 10 Tooth Pull Type Chisel	$1,850
JD 2500 4x18" Auto Reset Plow	$3,950
JD 2600 5x18" Auto Reset Plow	$6,450
JD 3200 6x18" Pull Type Auto Reset Plow	$3,950
JD 1600 17 Tooth Hydraulic Fold Chisel w/Walking Tandem	$4,350
JD 2500 5x18" Auto Reset Plow	$3,950
(New) JD 12' Chisel w/Walking Tandem	$3,450
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CULTIPACKERS

Brillion 10' w/Big Shaft	$950
Brillion 3' Section 28' Packer	$2,450
Brillion 12' Packer, Big Shaft	$1,150
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JD 14' Pacl SOLD nsport	

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JD RM 4 Row Narrow Cultivator	$1,275
JD 20' Rotary Hoe, Like New	$2,350
Brillion 3 pt. Deep Till	$3,500

MISCELLANEOUS:

Bobcat 909 backhoe	$5,750
NH 352 Grinder-Mixer	$2,450
JD 37 Loader, All Hydraulics For Utility	$1,850
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JD 45 Loader for 2 Cylinder Tractor	$750
Transcraft 42' Drop Deck Trailer, Air Ride, Nice	$8,500
Ag Teck Pre-Seed	$3,250
400 Bu. Gravity Wagon With Auger	$2,500
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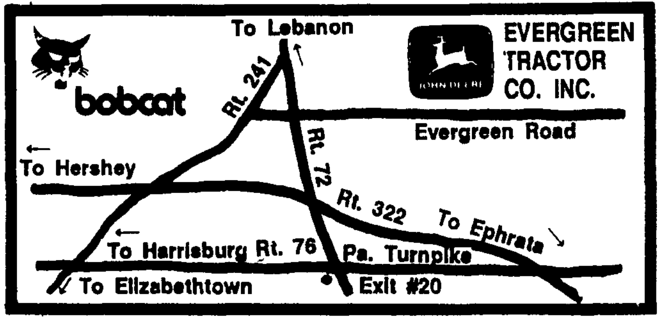

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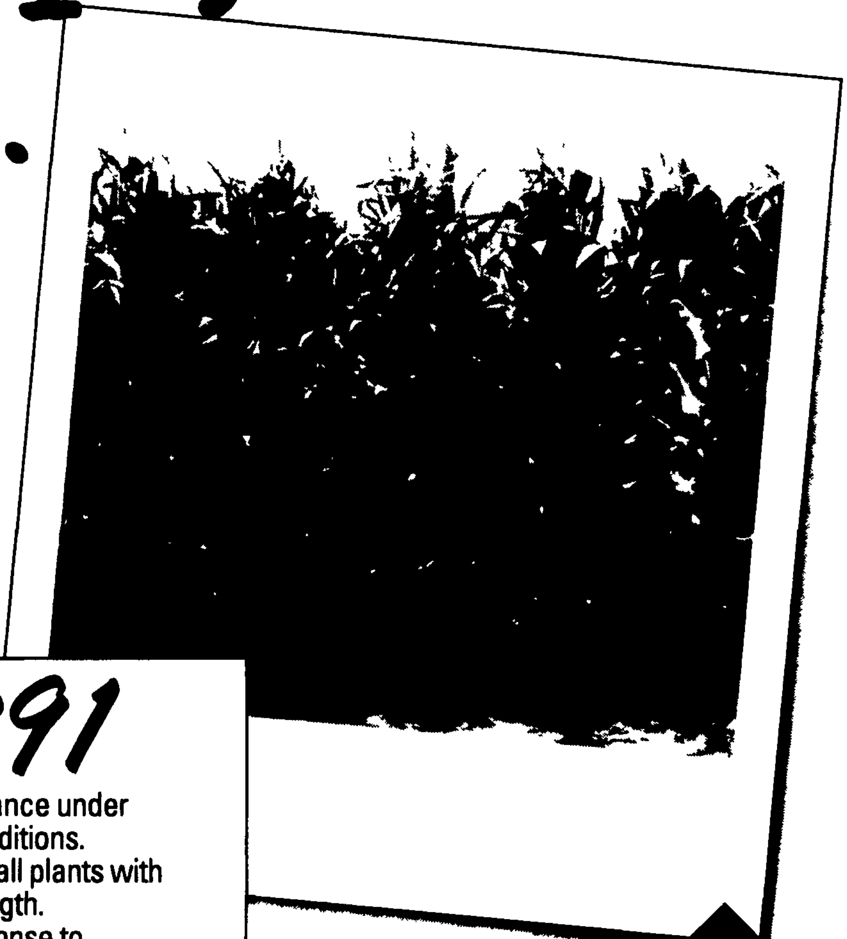

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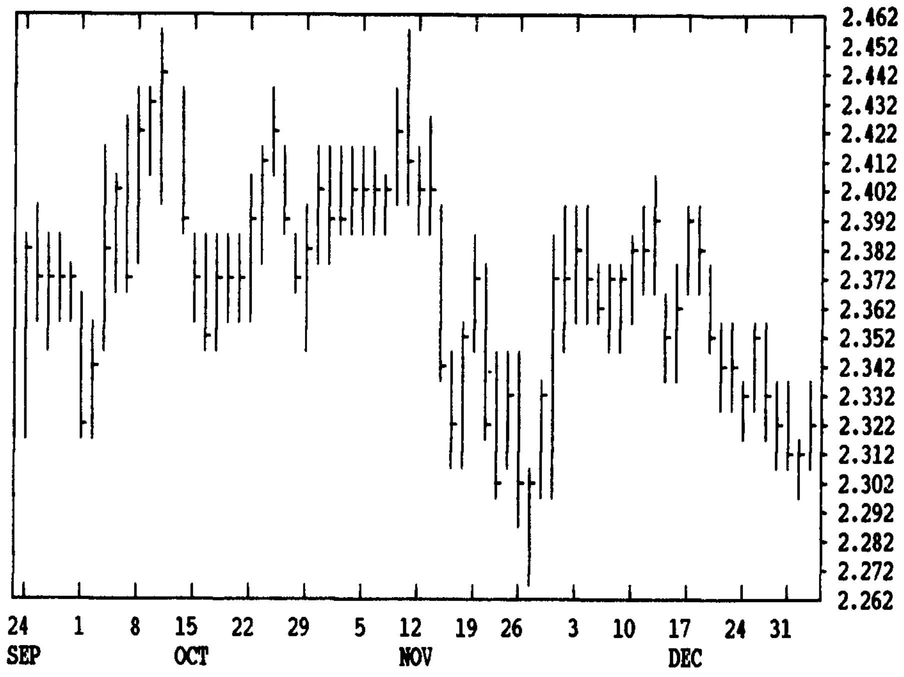


DTN FUTURES 10 01/03/91 TECHNICAL COMMENTS

		MOVING AVERAGES			RSI'S		5 DAY SLOWED STOCHASTIC	
	CLOSE	4-DAY	9-DAY	18-DAY	9 DAY	14 DAY	K	D
MAR WHEAT	2.59 1/2	2.61 1/4	2.62 1/4	2.63 7/8	40	41	43	42
JLY91 WHT	2.70 1/2	2.71 3/4	2.73	2.74 1/2	38	39	37	35
KC MAR WHT	2.61 3/4	2.62 1/4	2.64 1/8	2.65 1/2	39	40	34	23
KCJLY91 WH	2.70 1/4	2.70	2.72	2.73 2/3	41	41	34	24
MAR CORN	2.32 1/4	2.32 1/8	2.33 1/8	2.35 1/4	39	42	29	25
JUL91 CN	2.46 1/4	2.46 1/4	2.47 1/4	2.49 3/8	39	43	24	25
DEC91 CRN	2.48 3/4	2.49 5/8	2.50 1/4	2.51 1/4	39	44	23	39
MAR BNS	5.70 1/4	5.71 3/8	5.76 1/4	5.90 3/8	29	33	26	21
JUL BNS	5.97	5.98 5/8	6.04 1/4	6.17 1/2	29	33	22	18
NOV91 BNS	6.01 3/4	6.04 3/8	6.08 1/3	6.16 1/2	23	32	9	13
MAR MEAL	169.90	169.03	169.99	175.65	36	37	52	34
MAR OIL	20.71	20.90	21.09	21.40	23	29	12	19
FEB CTTL	77.45	77.23	77.08	76.88	65	63	51	55
JUN CTTL	74.65	74.67	74.62	74.56	55	58	44	55
MAR FDRS	86.32	86.49	86.46	86.44	53	60	40	56
FEB HOGS	48.55	48.63	48.79	48.88	45	45	30	32
JUN HOGS	51.32	51.30	51.42	50.81	55	55	20	33
FEB BELS	62.90	62.61	63.44	64.14	44	44	25	18

CORN

	HIGH	LOW	LAST	CHG
MAR	2330	2316	2322*	+4
MAY	2404	2392	2400*	+6
JLY	2466	2454	2462*	+10
SEP	2486	2472	2472*	+2
DEC	2496	2484	2486*	+2
MAR	2560	2552	2556*	+2
MAY	2600	2596	2596*	+10
JLY				
SEP				

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
MAR	2626	2584	2594*	-40
MAY	2692	2654	2666*	-30
JLY	2732	2702	2704*	-26
SEP	2796	2770	2770*	-26
DEC	2914	2886	2886*	-36
MAR	2964	2960	2960*	-6

K.C. WHEAT

	HIGH	LOW	LAST	CHG
MAR	2636	2616	2616*	-20
MAY	2690	2664	2666*	-22
JLY	2716	2700	2702*	-6
SEP	2774	2764	2764*	-4
DEC	2900	2840	2854*	-34

MINN WHEAT

	HIGH	LOW	LAST	CHG
MAR	2600	2580	2582*	-16
MAY	2666	2652	2652*	-16
JLY	2730	2714	2716*	-14
SEP	2784	2774	2774*	-16
DEC			2550	

OATS

	HIGH	LOW	LAST	CHG
MAR	1104	1086	1092*	-2
MAY	1160	1144	1152*	0
JLY	1216	1204	1210*	-4
SEP	1256	1256	1256*	-2

SOYBEANS

	HIGH	LOW	LAST	CHG
JAN	5590	5540	5584*	+46
MAR	5716	5670	5702*	+30
MAY	5854	5814	5840*	+24
JLY	5992	5950	5970*	+22
AUG	6014	5996	6002*	+16
SEP	6010	5984	5986*	-2
NOV	6060	6014	6016*	-10
JAN	6160	6134	6134*	-14
MAR	6290	6250	6250*	-14
MAY				

SOYBEAN MEAL

	HIGH	LOW	LAST	CHG
JAN	1655	1630	1653*	+25
MAR	1701	1679	1699*	+22
MAY	1745	1725	1738*	+17
JLY	1785	1767	1779*	+15
AUG	1800	1785	1792*	+15
SEP	1805	1795	1795*	+10
OCT	1805	1790	1790*	+5
DEC	1820	1809	1812*	+2

SOYBEAN OIL

	HIGH	LOW	LAST	CHG
JAN	2048	2030	2039*	-5
MAR	2080	2060	2071*	-2
MAY	2115	2100	2109*	-4
JLY	2145	2126	2137*	-7
AUG	2142	2130	2131*	-9
SEP	2146	2130	2130*	-16
OCT	2147	2130	2130*	-15
DEC	2160	2135	2136*	-19

LIVE CATTLE

	HIGH	LOW	LAST	CHG
FEB	7770	7695	7745*	+38
APR	7650	7600	7635*	+25
JUN	7480	7430	7465*	+23
AUG	7325	7280	7317*	+22
OCT	7340	7290	7305*	+20
DEC	7375	7345	7355*	+30
FEB	7325	7325	7325*	0
APR				

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
JAN	8925	8895	8915*	+5
MAR	8647	8602	8632*	+5
APR	8505	8465	8495*	+10
MAY	8375	8340	8355*	-5
AUG	8332	8305	8317*	0
SEP	8280	8280	8280*	+15
OCT	8270	8260	8260*	+5
NOV	8300	8300	8300*	+40

LIVE HOGS

	HIGH	LOW	LAST	CHG
FEB	4862	4800	4855*	+48
APR	4655	4590	4647*	+32
JUN	5140	5075	5132*	+45
JLY	5125	5080	5125*	+25
AUG	4920	4875	4912*	-13
OCT	4465	4435	4442*	-18
DEC	4500	4480	4500*	+10
FEB				

SWISS FRANC

	HIGH	LOW	LAST	CHG
MAR	7904	7850	7887*	-6
JUN	7875	7825	7861*	-6
SEP	7860	7810	7842*	-10

EURODOLLAR

	HIGH	LOW	LAST	CHG
MAR	9289	9284	9284*	0
JUN	9306	9298	9298*	+1
SEP	9296	9288	9289*	+4
DEC	9261	9254	9255*	+3
MAR	9246	9241	9242*	+4
JUN	9221	9216	9218*	+5

PORK BELLIES

	HIGH	LOW	LAST	CHG
FEB	6300	6077	6290*	+178
MAR	6210	6000	6202*	+140
MAY	6270	6110	6265*	+105
JLY	6270	6115	6265*	+98
AUG	6080	5975	6025*	+25
FEB				

BRITISH POUND

	HIGH	LOW	LAST	CHG
MAR	19268	19188	19256*	+62
JUN	19010	18940	19004*	+64
SEP	18790	18726	18788*	+62

JAPANESE YEN

	HIGH	LOW	LAST	CHG
MAR	7532	7482	7513*	+84
JUN	7520	7483	7508*	+84
SEP	7508	7424	7508*	+84

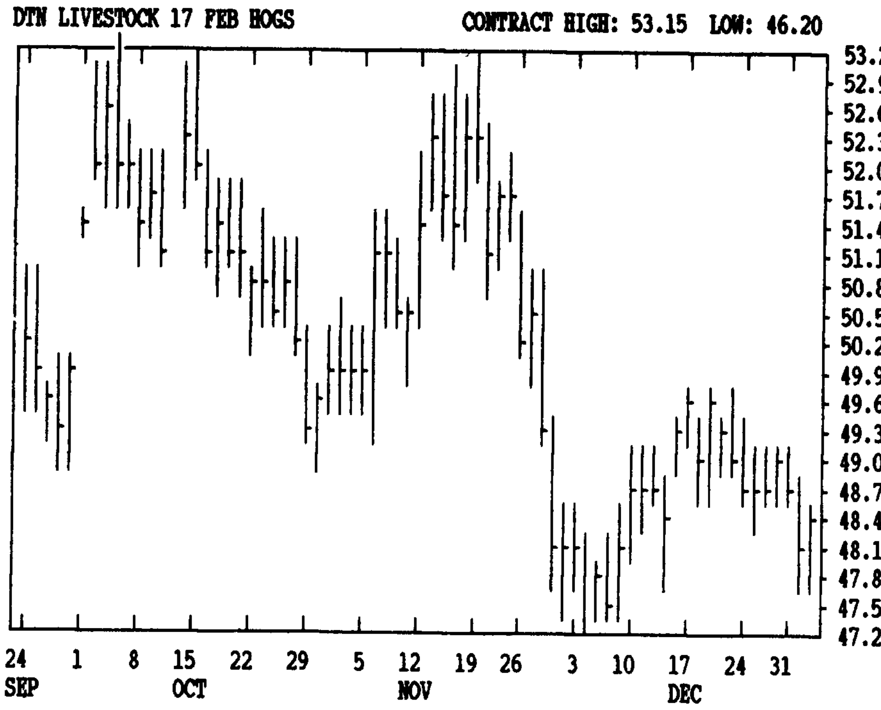
S&P 500 INDEX

	HIGH	LOW	LAST	CHG
MAR	32835	32350	32415*	-270
JUN	33110	32610	32680*	-290
SEP	33355	32850	32925*	-290
DEC	33800	33200	33235*	-465

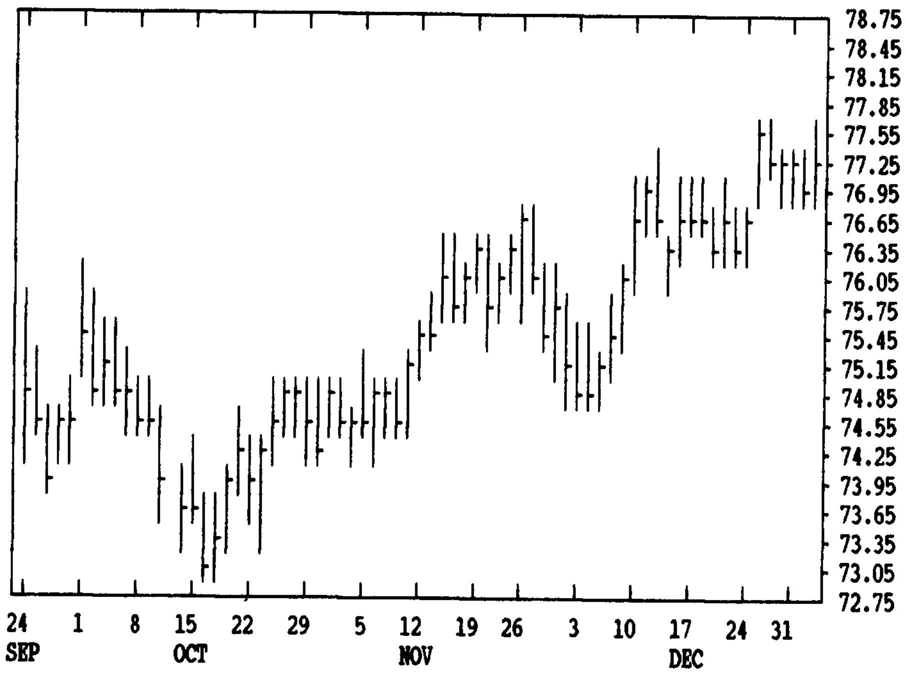
W. GERMAN MARK

	HIGH	LOW	LAST	CHG
MAR	6686	6660	6678*	-17
JUN	6650	6627	6640*	-17
SEP	6615	6600	6604*	-17
DEC	6585	6505	6568*	-17

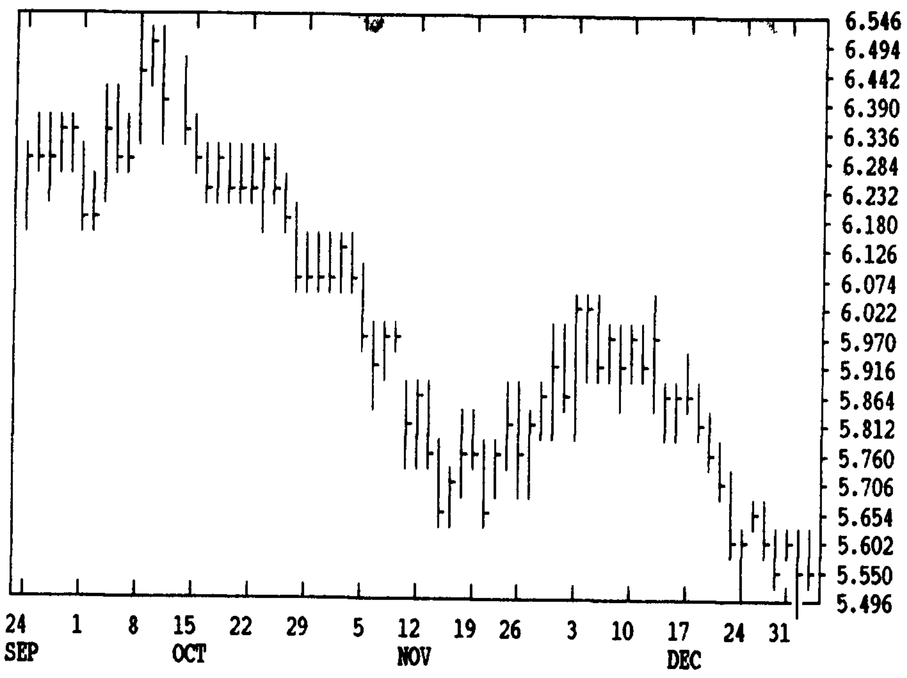
DTN LIVESTOCK 17 FEB HOGS CONTRACT HIGH: 53.15 LOW: 46.20



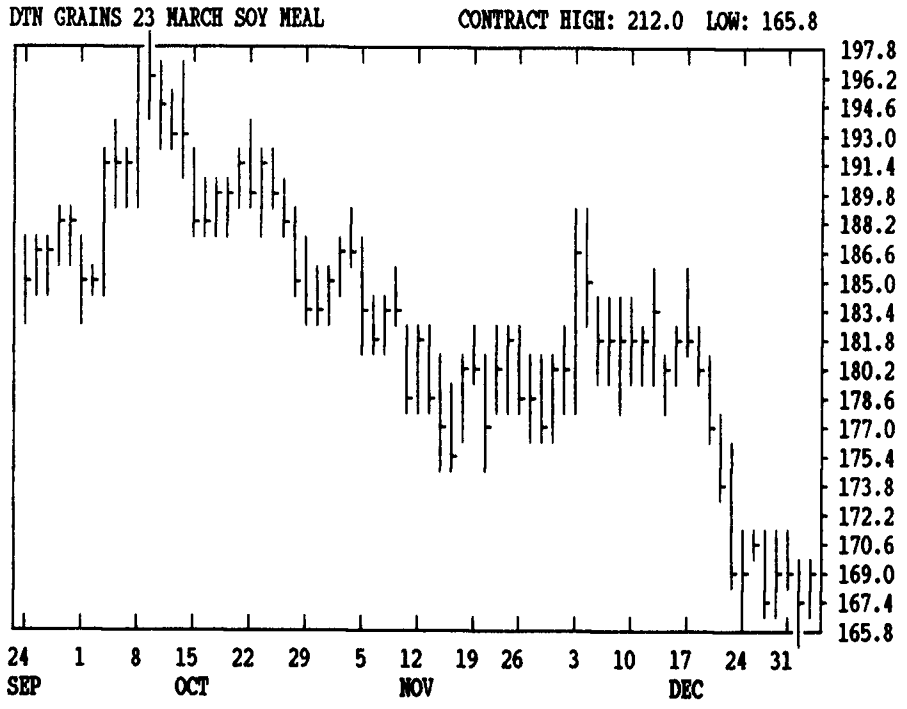
DTN LIVESTOCK 18 FEB CATTLE CONTRACT HIGH: 77.80 LOW: 72.50



DTN GRAINS 22 JAN BEANS CONTRACT HIGH: 6.920 LOW: 5.496



DTN GRAINS 23 MARCH SOY MEAL CONTRACT HIGH: 212.0 LOW: 165.8



CHILE 11-lb lug Bing 9-10 row sz fair cond 20.00 poor cond 1.00-2.00.

COCONUTS DOMINICAN REPUBLIC sacks 40s few 14.00.

CRANBERRIES NO OFFERINGS.

GRAPES-TABLE CHILE LOWER, ABOUT STEADY CA 23-lb lug Emperor 11.00-14.00 mos 12.00 20-lb lug wrpd Black Seedless fair cond 10.00 Emperor 16.00 fair cond 11.00 film bags Ribier 13.50-14.00 Calmeria 8.00-9.00 16-lb lug wrpd 16-lb lug wrpd Thompson Seedless 10.00 CHILE 18-lb lug wrpd Thompson Seedless 24.00-26.00 ord cond 8.00-10.00 sml 18.00-20.00 Perlette 16.00-18.00 some hias 20.00 Flame Seedless 21.50-22.00 Black Beauty Seedless 18.00 Superior Seedless ord cond 5.00-8.00.

KIWIFRUIT CA HIGHER, NEW ZEALAND LOWER CA 1-lyr flat 36s 7.50 39s 7.00 NEW ZEALAND 1-lyr flat 30s 6.50 39-42s 6.50.

MANGOS BRAZIL Too few sales to quote.

NECTARINES SLIGHTLY LOWER CHILE 2-lyr lug Armking 50s 15.00 60s 14.00 70s 12.00.

PAPAYAS HAWAII ctn via air 10s 11.50.

PEACHES ABOUT STEADY CHILE 2-lyr lug Spring Crest 66s 10.00 80s 7.00 May Crest 50s 14.00 60s 12.00 70s 10.00.

PEARS LOWER WA 4/5 buctn wrpd US#1 D'Anjou 80s 24.00 90s 21.00-23.00 few 24.00 100s 19.50-22.00 110s 19.50-20.00 mos 20.00 120s 17.00-19.00 few 19.50 135s 18.50 150s 17.00 OR 4/5 buctn wrpd Bosc US#1 90s 30.00 100-110s 28.00 120s 25.00 135s 24.00.

PERSIMMONS OFFERINGS LIGHT CA 1-lyr flat Hachiya fair cond 24-26s 7 00-8.00 28s 6.00-7.00 32s 5.00- 6.00 Fuji 32s ord cond 3.00-5.00.

PINEAPPLES HAWAII flat ctn via air 6s 11.75.

PLUMS ABOUT STEADY CHILE 2-lyr lug Red Beaut 70s 20.00 80s 18.00 90s 17.00 fair cond 12.00- 14.00 100s 15.00.

POMEGRANATES NO OFFERINGS.

RASPBERRIES CHILE flats 12-1/2 pt film wrpd cups Red via air 18.00-21.00 mos 21.00 few hias 24.00.

STRAWBERRIES HIGHER flats 12-1 pt bkt FL mos med 7-7.50 med-lge 8.00-10.00 mos 8.00-9.00 fair cond 5.00-7.00 ord cond 3.00 CA med-lge fair cond 5.00-7.00.

CANTALOUPS ABOUT STEADY HONDURAS 1/2 ctn 15s 23.00 18s 23.00 few 25.00 DOMINICAN REPUBLIC & GUATE- MALA 1/2 ctn fair qual 15s 16.00-20.00 fair cond 12.00-13.00 18s 16.00- 20.00.

HONEYDEWS LOWER ECUADOR 2/3 ctn 4-6s 11.00-13.00 mos 12.00-13.00 8s 11.00-13.00 mos 12.00 9s 10.00.

MISC MELONS OFFERINGS INSUFFICIENT TO QUOTE.

WATERMELONS ctn per ctn FL Jubilee 3-4s 24.00-25.00 HONDURAS Seedless 5s ord cond 8.00-10.00.

Philadelphia Potato & Onion Report

Monday, December 31, 1990

NOTICE NO REPORTS WILL BE ISSUED ON TUESDAY AND WEDNESDAY JANUARY 1 AND 2, 1991 DUE TO THE NEW YEAR'S HOLIDAY. THE PHILADELPHIA WHOLESALE MARKET WILL BE CLOSED ON TUESDAY AND REOPENED AT NOON ON WEDNESDAY. THE MARKET NEWS OFFICE WILL BE CLOSED ON TUESDAY.

ONIONS-DRY JUMBO HIGHER OTHERS ABOUT STEADY 50-lb sacks US#1 or general- ly good qual and cond Yellow unless otherwise stated ID-OR Spanish Hybrid jumbo 900-10.00 mos 9.50-10.00 25-lb sks Red jumbo 800 med 600 WA Spanish hybrid type few 900 occ 950 NY Globe type lge 7-750 medium 400-500 mos 450-500 25-lb sks Red lge 650-700 MI Globe type med 475-500 med 600.

POTATOES ID RUSSETS HIGHER, OTHERS ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated ROUND WHITES new crop NYLI 525- 550 lge 6-625 some 650 baled paper sks 5-10 lb 6-625 10-5 lb 7-725 ME 550 CANADA CD#1 Prince Edward Isle 525 ROUND REDS MN/ND 850-900 mos 900 sz B 12.00-13.00 fair appearance 11.00 NY 7-750 sz B 10.25-11.00 RUSSETS 50-lb ctn count ID 70s 12.00-13.00 80s 12.00-13.00 some 11.50 90s 11.00-12.00 100s 10.00-11.00 mos 10.00 some 900 WI Norkotah 70-80s 900 90s 800 100s 750 MN Norkotah 70-80s 850 few lwr 90s 800 few loas 725 100s 700 few loas 625 CANADA CD#1 New Brunswick Norkotah 70-80s 850 few lwr 90s 800 few loas 725 100s 700 few loas 625.

Keister's Middleburg Livestock

Middleburg, Pa.

Dec. 31 & Jan. 1, 1990

Report supplied by Auction

CATTLE 427: HIGH CHOICE & PR. 83.75-86.50; CHOICE 78.00-83.50; (HOLSTEIN 72.50-76.75); GOOD 73.00-77.75; (HOLSTEIN 68.00-72.00); STANDARD 68.00-72.75; (HOLSTEIN 62.00-67.75).

HEIFERS: CHOICE 76.00-82.50; GOOD 72.00-77.75; STANDARD 65.00-71.75.

COWS: BR. UTILITY & COMMERCIAL 52.00-56.25, FEW TO 57.85; CUTTER & BON. UT. 51.00-55.75; CANNER & LOW CUTTER 46.00-50.50; SHELLS DOWN TO 42.00.

BULLOCKS: CHOICE 76.50; GOOD 65.00-68.75.

BULLS: YIELD GRADE NO. 1 1200-2165 LBS. 60.00-68.25; YIELD GRADE NO. 2 800-1200 LBS. 56.00-62.75.

FEEDER STEERS: 400-950 LBS. 65.00-89.00.

CATTLE HEIFERS: 400-700 LBS. 58.00-72.00.

BULLS: 400-900 LBS. 55.00-85.50.

CALVES 188: VEALERS: CHOICE 355 LBS. 95.00; GOOD 90-110 LBS. 50.00-60.00; STANDARD & GOOD 60-90 LBS. 35.00-45.00.

FARM CALVES: HOL. BULLS 90-120 LBS. 100.00-147.50; HOL. HEIFERS 90-120 LBS. 85.00-159.00.

HOGS 402: BARROWS & GILTS 220-250 LBS. #1 SELECTS 49.00-50.50; US NO. 1-2 220-250 LBS. 48.00-49.00; US NO. 2-3 210-260 LBS. 46.00-48.00; US NO. 2-4 190-270 LBS. 42.00-46.00.

SOWS: US NO. 1 280-650 LBS. 40.00-45.00; NO. 2-3 35.00-40.00; BOARS 35.00-36.00.

FEEDER PIGS 404: US NO. 1-3 20-35 LBS. 27.00-48.00; NO. 1-3 40-60 LBS. 41.00-60.50.

SHEEP 20: LAMBS CHOICE 80-110 LBS. 52.00-65.00; GOOD 50-80 LBS. 35.00-50.00.

GOATS 11: 37.50-95.00 ALL PER HEAD.

152 TOTAL HEAD.

AN EVENING OF BLUEGRASS
FEATURING
"THE BOYS FROM INDIANA"
AND
"THE BLUE MOUNTAIN GANG"
SATURDAY, JANUARY 19, 1991
At
Leesport Farmers Market Banquet Hall
8 Miles North of Reading Off Rt. 61
Preferred Seating With Advance Tickets
Leesport, PA
Showtime 7:30 P.M.
Admission $9.00
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THANK YOU FOR STICKING WITH US!
We are seeing evidence that you still respect auction! If you farmers can not see what we have done now, you probably never will!!!
Our company people expect 100% support from tobacco farmers!! As your support has grown over 6 years, our company support has also grown! Don't lose what we've gained! The life of the auction is entirely up to you - the tobacco farmer! We can not survive on just one warehouse full of tobacco - we need more!!
NEXT TYPE 41 & 609 SALES
MONDAY, JAN. 7, 10 a.m.
THURSDAY, JAN. 10 - 10 a.m.
Tobacco Delivered First - Sold First!!
Trucking Available - Call Mitch White
For Sale:
Tobacco Seed and Twine
Phone
717-687-0990
PARADISE TOBACCO SALES

Philadelphia Vegetables

Philadelphia, Pa.

Monday, December 31, 1990

NOTICE NO REPORT WILL BE ISSUED ON TUESDAY AND WEDNESDAY JANUARY 1ST & 2ND 1991 DUE TO THE NEW YEAR'S HOLIDAY. THE PHILADELPHIA WHOLESALE WILL BE CLOSE ON TUESDAY AND REOPEN ON NOON ON WEDNESDAY. THE MARKET NEWS OFFICE WILL BE CLOSED ON TUESDAY.

ARTICHOKES OFFERINGS INSUFFICIENT TO QUOTE.

ASPARAGUS PERU 5-kilo crt bchd 12s lge 33.00 std & sml 33.00-34.00 GUATEMALA 5-kilo crt & ctn bchd 12s exlge 30.00 lge 30 00-32.00 std 30.00 sml 28.00 CHILE 5- kilo ctn bchd 12s ord cond exlge, lge, std & sml 2.00-5.00.

EANS LOWER FL various bu containers Round Green type fair cond 7.00-10.00 some 5.00- 6.00 Handpicked 12.00-14.00 Kentucky Wonder type & Wax type 12.00.

BEETS ABOUT STEADY TX crt bchd 12s 7.00 25-lb film bags topped 6.00 NJ bubkt topped few 8.00- 9.00.

BROCCOLI HIGHER CA ctn bchd 14s 16.00-18.00 mos 16.00-17.00 few 19.00 18s 17.00-18.00 lse Crowns 21.00 TX ctn bchd 14s 13.00 few 18.00.

BRUSSEL SPROUTS ABOUT STEADY MEXICO 25-lb ctn few 15.00 fair cond 10.00-12.00 mos 12.00 ord cond 5.00.

CABBAGE ABOUT STEADY 1-3/4 buctn & crt med green unless otherwise stated FL 8.00-9.00 mos 8.50-9.00 Savoy type 10.00 Red few 16.00 GA 8.50-9.00 fair cond 6.00-7.00 NY Red 10.00-12.00 50-lb sks lge Green 3.50-4.00 few 3.00.

CARROTS MUCH HIGHER 48-1 lb film bags in film sacks CA med-lge 16.00 FL med-lge 14.00-16.00 mos 16.00 few high as 18.00 24-2 lb & 10-5 lb film bags in film sks CA med-lge 16.00 50-lb sacks loose jumbo CA 18.00 FL 16.00-18.00 CANADA 15.00-18.00 previous commitments 14.00 ctn bchd 24s CA 10.50-11.00 minia- ture type FL ctn 20-12 oz film bags 5.50-6.00.

CAULIFLOWER HIGHER CA ctn film wrpd 9s 16.00-16.50 few 20.00 12s 17.00-18.00 FL ctn film wrpd 16s 14.00-15.00 TX ctn film wrpd 9s 18.00-20.00 12s 20.00.

CELERY HIGHER CA ctn 2 doz 18.00 2-1/2 doz 17.00-18.00 3 doz 16.00 FL ctn 2-1/2-3 doz 15.00-17.00.

CHINESE CABBAGE ABOUT STEADY FL celery crt incl Nappa 8.00-9.00 CA 50-lb ctn Nappa 13.00-14.00 Bok Choy 12.00-13.00 VA celery crt Nappa 6.50-7.00.

CORN OFFERINGS LIGHT FL wirebound crt approx 4-1/2 doz Yellow & White fair qual 8.00.

CUCUMBERS SLIGHTLY HIGHER 1-1/9 buctns & crts waxed medium unless otherwise stated FL 15.00- 16.00 few high as 18.00 fair qual 10.00-12.00 few 14.00-15.00 sml 12.00 ctn Long Seedless type film wrpd 12s 9.00.

DAIKON NO SALES REPORTED.

EGGPLANT OFFERINGS LIGHT FL 1-1/9 buctn med 10.00-12.00 mos 12.00 fair qual 6.00-8.00.

ENDIVE ABOUT STEADY FL 1-1/9 bucrt 5.50-6.50 mos 6.00 BELGIUM 10-lb ctn Whitloof type few 15.00.

ESCAROLE ABOUT STEADY FL 1-1/9 bucrt 5.50-6.50 mos 6.00 CA ctn 24s 11.00.

GARLIC CA 30-lb ctn per lb Super Colossal 1.20 Colossal 1.10 Super jbo 1.03 Late Keeping Super Colossal 1.17 Colossal 1.17-1.20 Jbo 1.00.

GREENS ABOUT STEADY crt & ctn approximately 1-1/2 bu bchd unless otherwise stated NC Collards 6.50 one lot 6.00 Kale 6.50 Mustard, Turnip Tops & Rape 7.00 GA Collards 6.50 fair cond 6.00 Mustard & Turnip Tops 6.00-7.00 Kale 6-6.50 mos 6.50 Rape 7.00 VA Collards 5-5.50 CA ctn 24s Red Kale 12.00 MEXICO 20-lb ctn Broccoli Rabe 15.00.

LEEKS ABOUT STEADY FL crt bchd 12s 12.00 NJ crt bchd 12s few 10.00.

LETTUCE ICEBERG HIGHER ctn 24s unless otherwise stated CA 13.00-14.00 fair cond 10.00-11.00 film wrpd 16.00 30s 10.00-12.00 mos 12.00 AZ 12.00-14.00 mos 13.00 one label 15.00 fair cond 10.00-11.00 film wrpd 12.00-13.00 fair cond loas 7.00 TX 10.00 fair qual & appear 5.00-7.00 few 8.00 ROMAINE HIGHER CA 24s ctn 19.50-20.00 crt 22.00 AZ 24s ctn 17.00 BIG BOSTON OFFERINGS LIGHT CA ctn 24s 15.00 FL ctn 24s 12.00 BIBB OFFERINGS INSUFFICIENT TO QUOTE LEAF CA ctn 24s incl Red 14.00-15.00 one label 18.00 AZ ctn 24s 13.00-15.00 mos 14.00 Red fair cond 12.00 previous commitments 8.00-9.00 FL ctn 24s 12.00- 14.00.

MUSHROOMS STEADY PA 4-qt bkt med-lge 5-5.50 sml-med 4-4.50 10-lb ctn med 9-9.75 mos 9.25 lge 11.00-11.50 mos 11.25-11.50 packages 10-12 oz 9-9.50 3-lb ctn Shiitake 17.00-18.00 fair qual 10.00-12.00.

OKRA OFFERINGS INSUFFICIENT TO QUOTE.

ONIONS-GREEN TX ctn bchd 24s lge bulb 12.00 CA & MEXICO ctn bchd 48s 16.00-18.00.

PARSLEY HIGHER bchd 5 doz Curly unless otherwise stated FL crt 12.00-14.00 some 11.00 Plain 14.00-16.00 TX crt 16.00 Plain 18.00 CA ctn 13.00.

PEAS-GREEN NO OFFERINGS.

PEAS-SOUTHERN NO OFFERINGS.

PEAS-SUGAR LOWER 10-lb ctn per lb GUATEMALA 1.20-1.40 mos 1.40 few 1.50.

PEPPERS 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated FL exlge 12.00-14.00 mos 13.00-14.00 few hgr lge 11.00-12.00 mos 12.000 few hgr med 9.00-10.00 mos 9.00 few hgr sml-med 8.00 sml 7.00-8.00 Mixed Red med 6.00-7.00 Red exlge 25.00-30.00 lge 22.00-25.00 some high as 30.00 med 18.00-20.00 sml 15.00 Yellow exlge 25.00 Cubanelle med-lge 8.00-10.00 1/2 buctn Longhots 8.00.

RADISHES HIGHER FL ctn Red 30-6 oz film bags 3.25-4.00 mos 3.50-4.00 few 3.00 14-1 lb film bags 3.50-4.25 few 3.00 MEXICO ctn Red bchd 24s 10.00.

RHUBARB NO OFFERINGS.

RUTABAGAS ABOUT STEADY CANADA 50-lb ctn CD#1 waxed med 8.00.

SPINACH OFFERINGS LIGHT FL Savoy type 1-1/9 buctn 8.00 VA Savoy type bucrt 6.00-7.00 CA Flat type ctn bchd 24s 11.00-12.00.

SQUASH ABOUT STEADY FL 1/2 bucrts & ctns Zucchini sml-med 5.00-6.00 few 7.00 med 4.00 few 6.00 Yellow Straightneck sml-med 5.00-6.00 med 4.00 few 6.00 MEXICO 26-lb lug Zucchini sml-med 6.00-8.00 1-1/9 bucrt med-lge 7.00-8.00.

SWEET POTATOES SLIGHTLY HIGHER NC 40-lb ctn US#1 Jewel type cured med 6.50-7.00 fair qual & lge 4.00-4.50 NJ 1/2 buctn Yellow Jersey cured med 7.00 fair qual 4.50-5.00.

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Monday Is Older Pennsylvanians Day

HARRISBURG (Dauphin Co.) — Monday has been designated as Older Pennsylvanians Day at the 75th Pennsylvania Farm Show in Harrisburg.

"Older Pennsylvanians Day affords the Commonwealth's senior citizens a special opportunity to visit Pennsylvania's showcase of agriculture," according to Secretary of Agriculture Boyd E. Wolff.

"The Pennsylvania Farm Show features hundreds of commercial and educational exhibitors, along with 8,000 individual entries in livestock, poultry, and farm and home competition on display throughout the weeklong extravaganza," Wolff said. "The famous food, nightly entertainment, new attractions and commemorative souvenirs will make the 75th Farm Show one Pennsylvania agriculture will be proud of."

A reception center is to be open from 8 a.m. to 4 p.m. in the Main Lobby along the south side of the Farm Show Complex for older visitors to relax and enjoy refreshments.

Informational brochures on subjects like generic drugs, benefits and rights for older citizens, services of the Area Agencies on Aging, Alzheimers' Disease and long-term health care will be available at the center.

Buses transporting senior citizens to the Farm Show on Monday can use the West Circle along the Maclay Street Entrance to unload their passengers near the reception center.

Monday's schedule is full of attractions for young and old.

Judging begins early Monday morning for eggs, dressed poultry and draft horses.

Along with the thousands of competitive and commercial exhibits to see, visitors can watch vo-ag school demonstrations, five scheduled cooking demonstrations, and four breed swine sales throughout the day.

A Supreme Champion Draft Horse will be crowned at 2 p.m. following the Percheron competition.

Monday showgoers may have a hard time deciding between the options for evening entertainment.

The draft horse hitched competition gets underway at 4 p.m. in the Large Arena with cart classes. Team classes resume at 6:30 p.m., after a short intermission.

An all new program called Dairy Fun Night starts at 6 p.m. in the Small Arena. Following brief remarks and award presentations by Secretary Wolff, a myriad of contests are scheduled to emphasize Pennsylvania's dairy industry. They include celebrity cow milking and butter making, ice cream churning, calf dressing, celebrity cow judging and dairy jeopardy. The evening concludes with sampling of a 100-foot banana split constructed by county dairy princesses.

Batter-Dipped Veggies Offered

HARRISBURG (Dauphin Co.) — Fresh batter-dipped vegetables will be the new featured item at the Pennsylvania Vegetable Growers Association food booth at the 1991 Farm Show in Harrisburg. The Association's hot vegetable soup has become a favorite at the Farm Show. Last year 100 to 200 quarts of vegetable soup were served each day. Sales have also been brisk the last several years for the nutritious broccoli-cauliflower salad, a delicious mixture of fresh broccoli and cauliflower with cheese in a sweet and sour dressing. This year chili will also be added to the soup menu. Home-made cream of mushroom soup is also a popular item on the booth's menu.

The public's growing taste for batter-dipped vegetables, and the expansion of the commodity food area at the Farm Show, prompted the Association to enlarge their food booth to accommodate this new menu selection. Fresh broccoli, cauliflower, zucchini and onion rings will be used to prepare this treat that offers a tasty new way to enjoy vegetables. Be sure to stop at the vegetable growers booth in the new Food Court in the East Building of the Farm Show. Profits from the booth, which is staffed by volunteer members of the Association, will be partially used to fund vegetable research at Penn State University.

Ida's Notebook

Ida Risser

The holidays are over and again we've taken our share of pictures. It seems most families own a camera or two and if there are children in the family then they use them a lot. A new baby helps the film companies show a profit.

My children often get duplicates and this way I accumulate many photos. Some day this winter I am definitely going to put them in an album. The camel-back trunk is full of pictures that bring back memories of years past.

As the children grew up, we began to send their pictures as Christmas cards. Therefore, I have almost 30 years of cards starting with our first baby girl and ending with the six children in a group after her wedding. It is a pleasure to share these pictures with new family members.

Recently I came across a copy of an old picture. It was taken in the 1880s and shows my grandfather and his brothers, sisters and parents standing in front of their stone farmhouse. My husband has a picture taken in the same period, which shows his extended family in a field in front of their farm buildings. The men are standing in a Conestoga wagon and a young boy is off to one side holding a favorite white horse.

I don't need to go back to the 1800s to appreciate old pictures. Even those of my youth are interesting as they show our family in a row boat on the river that flows by our meadow. Another shows me and my shepherd dog, Rover, and my doll, Anna Louise. There is also one of my Grandmother Landis in a big sunbonnet holding me when I was a baby.

The trick is to keep all of these pictures in order so that you can find the one that you want. I do have big envelopes for each year with our children's pictures in them. This way I can send them photos of themselves when their children reach the same age. This is fun for me and for them.

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New Manure Pit Liner Shows Environmental Promises

EVERETT NEWSWANGER
Managing Editor

GETTYSBURG (Adams Co.)—Not many farmers have considered their manure as hazardous waste. But the newest thing in manure pit construction uses the same type high densitity polyethylene liner that the Environmental Protection Agency requires for toxic materials. The farm version is not as thick, of course. But the end product obtains the same results: no filtration of the waste into the ground to contaminate the underground water supply.

For the past two years, Larry and Vaughn Brubaker, Myerstown, have been working with farmers and the local conservation districts to find a construction material that will meet the farmer's need to avoid environmental contamination.

Concrete is going to get cracks in it," Larry said. "And it's porous. Moisture will draw up and down. Even steel reinforced concrete, which is as good as you can install, will have a tendency to have shrinkage cracks."

Township ordinances to legislate manure handling practices are popular right now, and laws that carry severe penalities for underwater and stream contamination from livestock manure run-off are on the books. So the plastic liner in the bottom of the manure pit has shown great promise. And it's cost efficient.

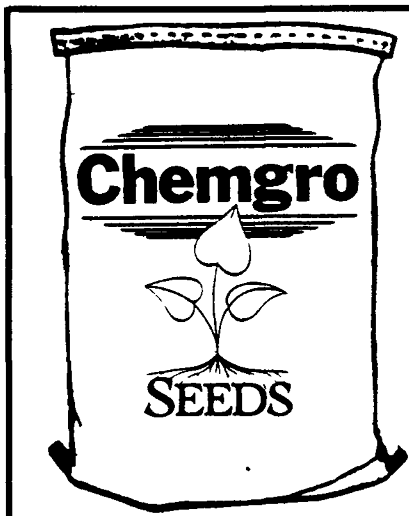
The Brubakers construct the pit with their earth moving equipment and install underground stainless steel piping for manure agitation and removal. In addition, underground water bleed pipes are installed so that springs or any other under-surface water will not try to force up through the impregnatable liner. And while the word "plastic" in relation to waste causes a mental vision of a garbage bag the liner is 60 mils thick. You can't punch a whole in it. The seams are welded and the material carries a 20 year guarantee.

(Turn to Page A40)

The new type manure pit construction is ideal for an irrigation transfer system.

Ted Swords, White Oak Mills and Larry and Vaughn Brubaker, Manada Construction Company talk manure handling.

Winter Scours?
See Ad
Page #F-26



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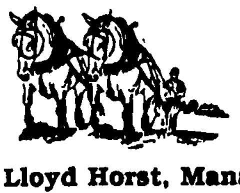

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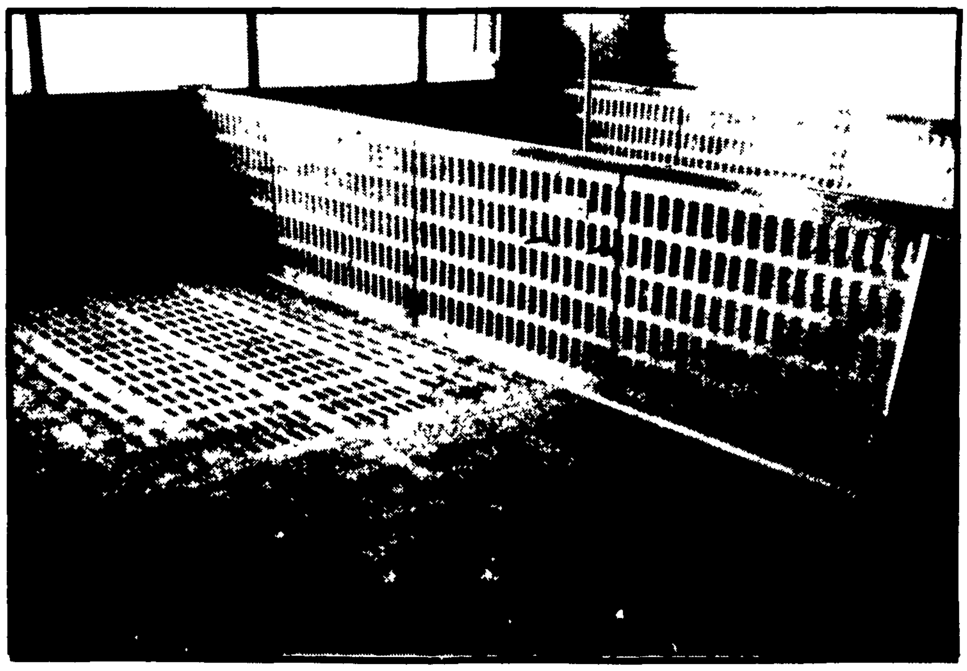

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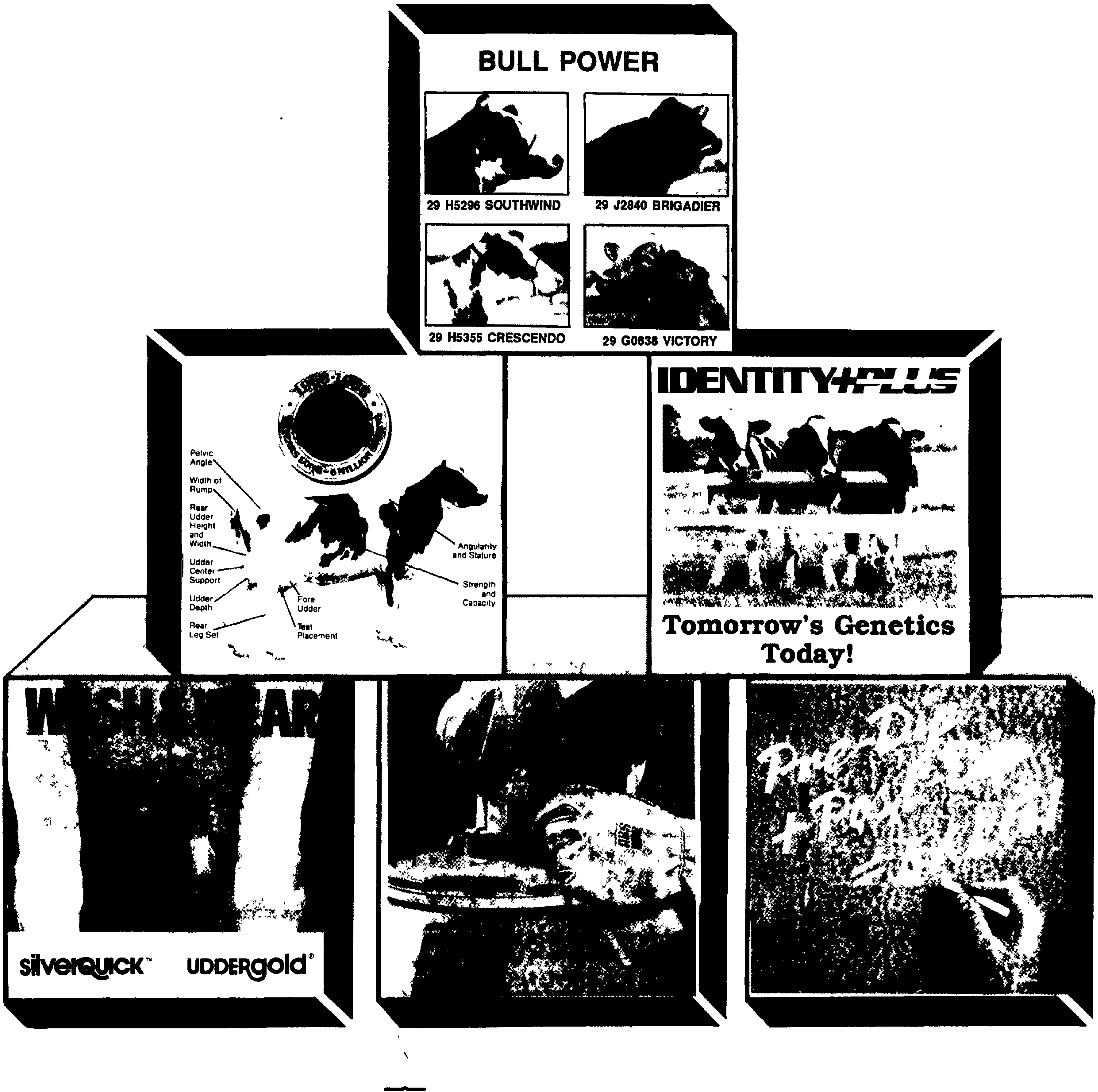
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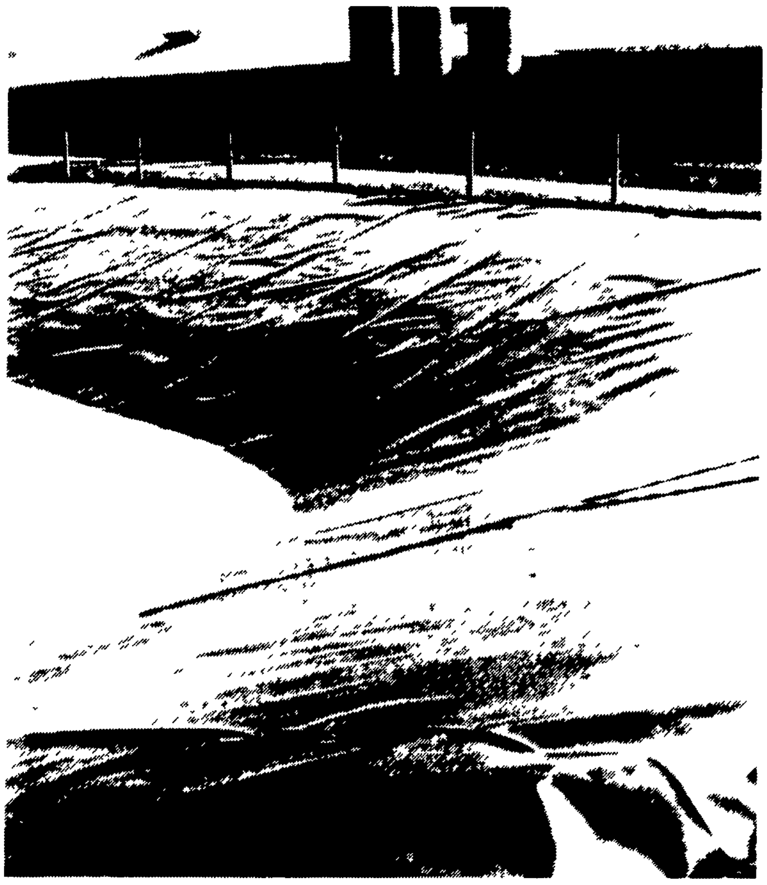

A polyethylene liner is used in the bottom of this manure pit to prevent underground water contamination.

Vaughn Brubaker checks underground water bleed pipe.

Pit Liner

(Continued from Page A38)

The Brubakers say at present prices, a five million gallon manure pit with their polyethylene liner costs $125,000, while a concreted pit of the same capacity would cost $300,000. And while it has not happened to date, if the liner did develop a crack in its structure, another piece of liner could be welded over the crack to bring the unit back into usefulness again.

And with all the other benefits of an environmentally safe manure pit, maybe the most advantageous benefit comes at the end of the drain of the underground water bleed pipe. If the water that drains out from under the manure pit is pure, no one, including the EPA inspector and the urban environmentalist, will be able to say the manure in this pit has contaminated the water supply.

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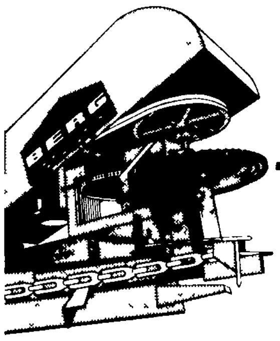

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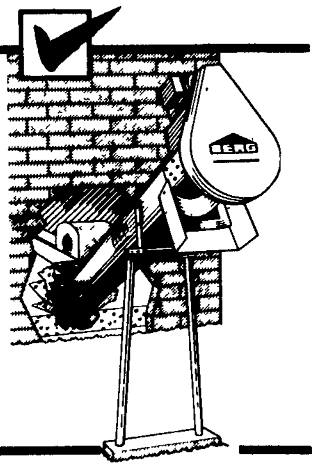

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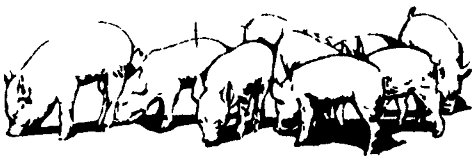

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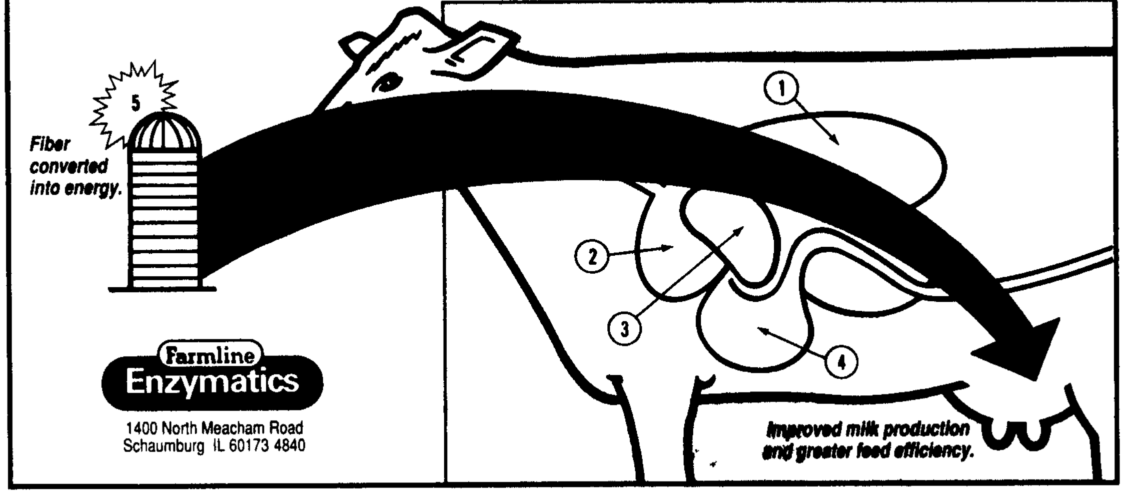
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Showing Dairy Cattle

(Continued from Page A1)

be clued in that commercial and residential interests are crunching in just beyond the southern hill.

They've watched neighbors sell out and the strip malls, condominiums and business areas come in.

They don't need to hear about troubles; they know all about them.

But the Hostetters say they are happy.

It's time for the 75th Farm Show.

Farm Show is one of the highlights of the year for many farmers, especially dairy breeders.

For the members of the Hostetter family in Lebanon County, the Farm Show is an excellent opportunity to display their Dale-Pride Farms registered Holsteins.

It's not that Hostetters ignore the problems facing farming. Far from it. But the Farm Show offers opportunity for change.

Good change.

The Farm Show recognizes six breeds of dairy cattle, all of them represented in large number.

The largest representation in any breed of dairy cattle at the Farm Show, and at most dairy shows, is within the Holstein breed.

For the past eight years, the Hostetters have been taking animals to the Farm Show to vie for some of the top titles. In that time they've taken some trophies, and last year one cow was reserve grand in the youth division, but an open class grand champion has remained elusive.

Alan Hostetter, one of the sons in a two son-and-father partnership, said the Hostetter family plans to take six animals to this year's Farm Show — two aged cows, two 3-year-olds, one dry cow in the 3- to 4-year-old class, and one yearling.

Alan spent the latter part of the week grooming and clipping the intended show animals in preparation for the trip to Harrisburg.

He doesn't have to do much else to prepare these animals, he said. They were halter broken while young and are used to being handled.

"Showing is probably the best advertisement I can do," Hostetter said. "At the Farm Show, a lot of people get to see the animals. I talk to a lot people. It has led to a lot of tours (at Dale-Pride Farms) and people referring to shows when discussing certain animals."

In addition, another reason for putting up with the extra expense, work and shorthandedness at home is to show off the qualities of their Holsteins in a way that other measures of cattle, such as production numbers, cannot.

According to Hostetter, 30, "Records kept by the USDA, DHIA (Dairy Herd Improvement Association) and the Holstein Association are the show place for the production qualities of your cattle. The Farm Show and other dairy shows are the only way to show the other qualities — the type qualities."

Hostetter, who also happens to be a dairy judge, said those who downplay the importance of breeding dairy animals to improve physical characteristics and concentrate only on milk production values are ultimately breeding inferior animals.

He said he believes there is a direct connection between longevity and good physical characteristics. Furthermore, he said he is a strong advocate for longevity in dairy cattle.

"I like to see longevity in cows. It takes two years to raise them whether they live to 5 years old or 10 years old," Alan said. "You might as well have them live as long as you can."

Alan isn't the only member of the Hostetter family.

Dale-Pride Farms is a partnership between Alan, older brother Ernest, 40, and their father Dale. Their mother Thelma helps with the milking, takes care of registering calves and other chores around the two farms.

Ernest's sons Brian, 16, Kurt, 11, and his daughter Becky, 19, also work on the farm.

At the Farm Show, the Hostetters' Holsteins will be registered under Dale-Pride, or in combination with one of the members of the family.

Brian Hostetter will be taking over most of the behind-the-scenes duties this year, Alan said. Those duties include milking the cows at the show, making sure they are clean and stay clean, feeding them, brushing them, talking to people . . . sleeping when he can.

Alan will be working in the ring on show days, helping to prepare the animals for the ring. But with the family living about 45 minutes away, and the chores that need to be done, the Hostetters will be a commuter-Farm Show family.

The event is important for the farm business.

They keep a total herd of about 375 head on both farms. Of those, 160 comprise the milking herd.

The Hostetters till 600 acres for forage and some grain feed, but buy the majority of their grain. They make their own corn silage and haylage.

The feed is a total mixed ration (TMR) concocted with the help a private feed consultant who tests their feed components regularly.

The November rolling herd average for the farm is 19,700 pounds of milk and 726 pounds of butterfat.

While that may not be impressive as far as overall production, Alan said what really counts is profitability.

According to Alan, his herd averages 66 pounds of milk a day, at 3.1 percent protein and 3.9 percent butterfat and consume 19 pounds of grain.

That calculates to an amazing one to three ratio. The DHIA averages reported monthly in Lancaster Farming are normally one to 2.4, or one to 2.5.

Alan said he feeds regular TMR for his cows that produce up to 70 pounds. He said he top-dresses for cows that produce more than 70 pounds.

The average age of the herd is somewhere from 3½ - to 4-years-old, he said, but the average age fluctuates over the years and can get older or younger as certain groups of cows pass on.

According to Hostetter, the rate of change in average age with a herd bred for longevity is slower which means more stability in production, costs and other factors surrounding running a dairy operation.

Some of Hostetters neighbors, especially some of those who don't register cattle, are benefitting from the breeding program, which stresses type as much as production.

For the past couple of years, Hostetters have been selling some bulls to local dairymen for either cleanup bulls or to serve as the main stud.

"I raise 20 to 25 bull calves and sell them to local farmers," Alan said. "One man (grade herd) told me he has really noticed an improvement in his herd from using my bulls."

The Hostetter herd is traced back to an Astronaut daughter and an Astronaut granddaughter.

There have been 35 cows within the Hostetter herd which had classified as Excellent since 1966, when the Hostetter family began getting into developing a registered herd. Alan said his brother Ernest started developing the interest while in FFA. Since then they had as many as five Excellent Astronaut daughters bred at one time.

Out of all their Excellents, all but six were homebred.

"People laughed a little when we said we were using Astronaut," he said. "But he gave a lot of strength, a lot of spring of rib and a pretty decent udder."

Some of the Hostetter's better results were from breeding the Astronaut line to Valiant.

One of the Hostetter bulls is now owned in syndicate to Taurus Service. The bull is Val Furious, a VG88. His dam is Hostetterdale Fobes Paclamar, EX-92-3E, 9-04, 365 days, 31,104 milk, 4.7 percent butterfat at 1,461 pounds.

She had six other sons that went to serve as studs overseas, a Valiant daughter which was the top cow in Belgium in 1988, and Excellent 91; and two other Valiant daughters which scored Excellent 90.

They also use Bell, Blackstar and "a lot of our own bulls" in their breeding program.

"Two things I breed for are type and production. At the Farm Show

(Turn to Page A46)

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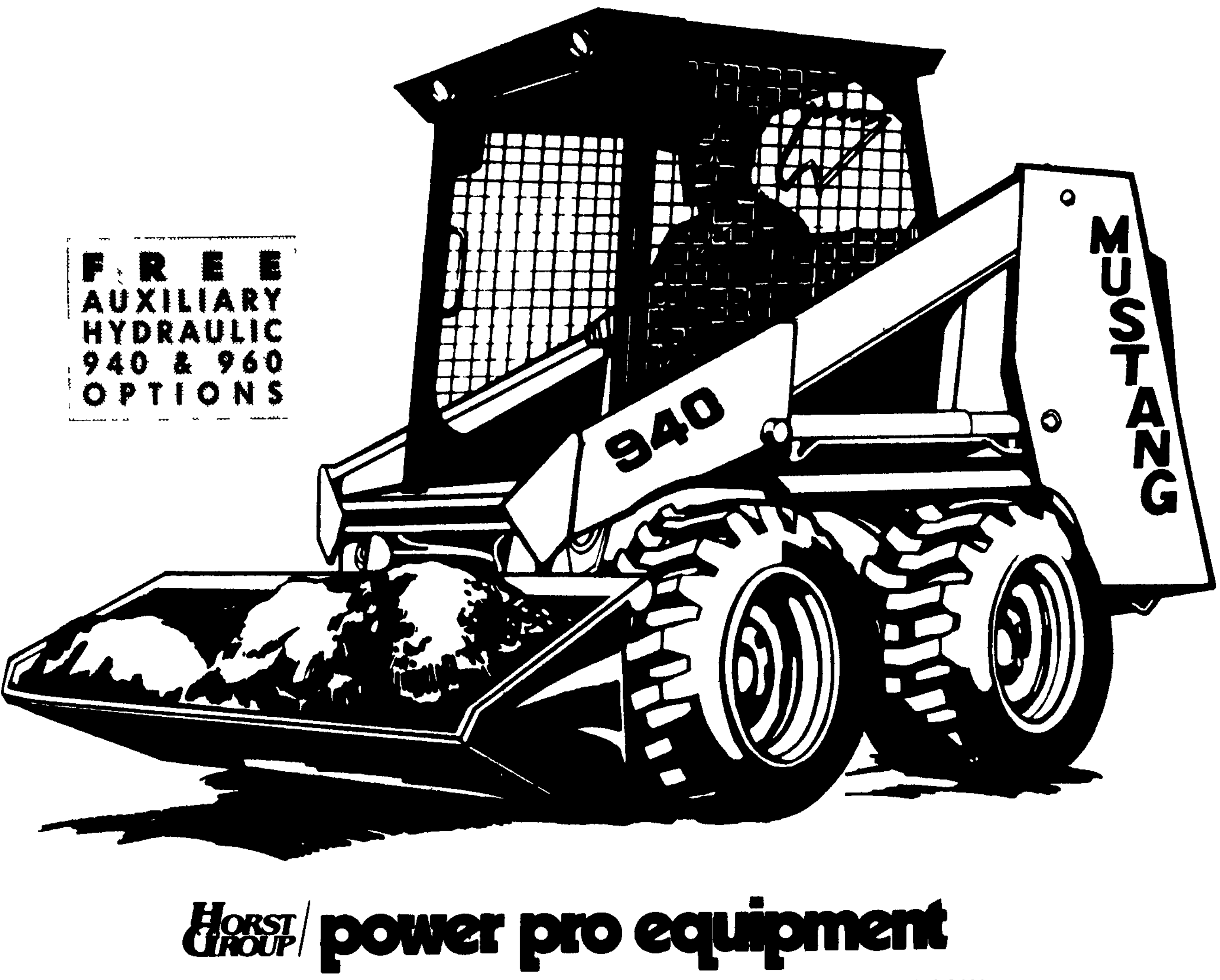

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Love Of Animals, Competition

(Continued from Page A1)

Mussers abandoned the hog and steer operation.

Harold, an ag representative for John Cope's Food Products, finds profitable "farm management" in warehousing some 15,000 square feet of space, in addition to managing some 200,000 broilers each year under contract with Henninger's Feed Mill (College Hill Poultry).

The family's love and involvement with 4-H got them started on the show road, a tradition that maintains. According to Judy, 4-H taught her children essential leadership and public speaking skills and opened their minds to other farm- and non-farm experiences.

Farm Show

"The biggest thing about the Farm Show is that you meet a lot of people," said Doug, who will be awarded the coveted FFA Keystone Degree at the Farm Show on Wednesday.

He lists future plans "to accomplish the unaccomplishable in farming and agriculture." Doug, 19, is majoring in animal science with an emphasis on business. "It's something that is going to help me out if I ever go into farming," he said.

Though he is uncertain what aspect of farming he will be involved with after college, Doug knows that it "depends on what looks good when I get out of college," he said.

Diane has applied at several colleges. Farming is an option she will pursue more likely if she marries a farmer, she said. Diane would like to study art education and teach at the high school level in the future.

Loves animals

"Diane just loves animals," said her mother, Judy, a second grade teacher at East High Elementary School. "When she gave up her first pig, she hugged it and said, 'I don't want to sell it.'"

Diane is involved in the Lancaster Beef Club, Sheep Club, and Swine Club, "probably the only kid in the county in all three clubs," said Harold. "Which drives (Doug) up the wall, because he has to take care of them."

The oldest, Greg, 23, was the two-time champion of the Elizabethtown Fair and has been on several award-winning livestock teams, including the Pennsylvania Meats Judging and Penn State Livestock Judging teams. He went to Louisville, Ky. in the national competition. Tricia, 21, also was a member of the Penn State Livestock Judging Team and placed in the top 10 in the national competition. She recently graduated from Lancaster Bible College with a secretarial degree.

Doug placed in the Manheim Fair and Elizabethtown. He also placed high in the Eastern National Livestock competition in Timonium Md. this past year, along with Diane.

4-H Shepherd

Diane, this year's 4-H Shepherd of the Year, won champion showmanship at Elizabethtown.

Though it's a lot of work, the Farm Show is a big and vital event in the Musser's farm life.

They go for "the same reason that people show horses or any other animal, or go to craft shows or whatever," said Harold. "It's a hobby, more or less, plus it's a good learning experience. If they win, they can do all right."

Diane Musser shows "Muffins," a Dorset cross market lamb that she featured in the 4-H roundup. Diane will also be showing swine and beef at the state Farm Show.

Diane Musser, left, on the reins of "Rebel," her 1,300-pound Angus/Chianina cross, is on to the Farm Show. Doug holds on to "Spike," a 1,325-pound cross of the same breed type, also at the show.

Lebanon Winter Roundup

(Continued from Page A29)

The reserve grand champion market lamb weighed 116 pounds and was shown by Daryl Grumbine. It was bought by Michael Firestine of Lebanon Valley National Bank for $1.50 per pound.

The grand champion market beef animal was shown by Shelby Heagy. Weighing 1,125 pounds, the animal was bought for $1.22 per pound by David Martin with Dutchway Markets Inc.

The reserve grand champion beef animal was shown by Josh Moyer and weighed 1,465 pounds. Bob Blecker, executive vice president for Carlos R. Leffler, purchased the animal for $1.07 per pound.

The grand champion market hog was shown by Stacy Krall and weighed 243 pounds. Ezra Good, representing Hatfield Meats Inc. purchased the animal for $1.80 per pound.

Nevin Dourte, agribusiness manager for Jacob Ruhl Insurance Co. in Manheim, also paid $1.80 per pound for a 223 pound reserve grand market hog shown by Breanne Hoffer.

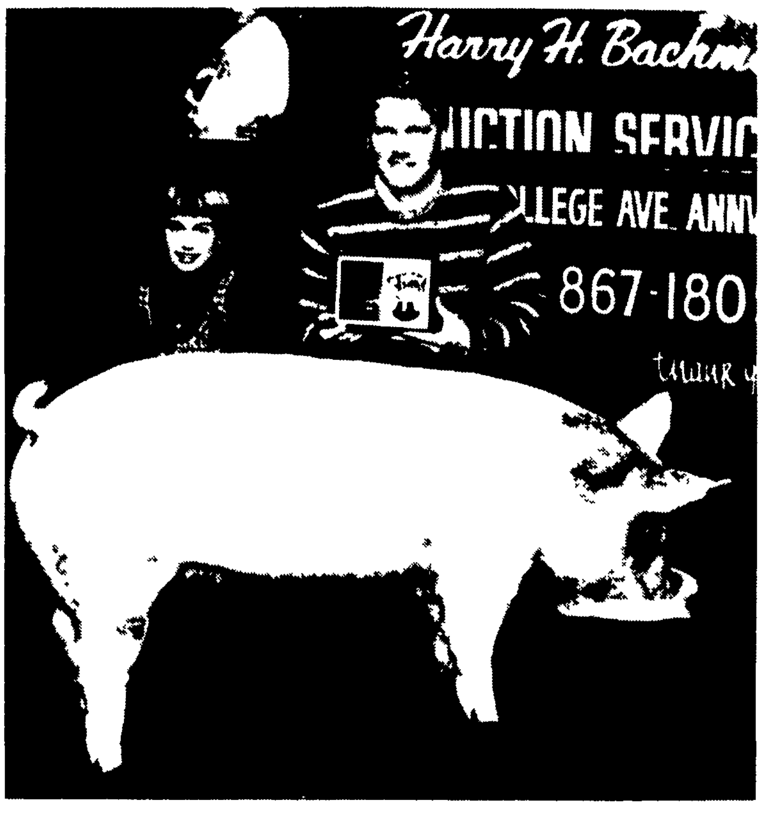
The three-species judge for the event was Keith Bryan, coach of the Penn State University judging team. It was his first year judging the event.

The event provides and opportunity for those who are not taking animals to the Farm Show to get some experience in showing and reward from the local community.

For those youth who are taking market animals to the Farm Show, the round-up allows them to warm-up for showing off animals in preparation for the big event.

The animals of the youth who do plan to go to the Farm Show are those that are judged by the youth to be their second best offering, according to Kenneth Winebark, county extension agent. "We hope they are the second best," he said.

He said those animals that are shown at the roundup could very well be Farm Show winners, but a choice has to be made.



Breanne Hoffer smiles broadly while standing behind her reserve grand champion market hog. Nevin Dourte holds the buyer's plaque.

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Stacy Krall kneels behind her grand champion market hog next to Ezra Good who holds the buyer's plaque.

LEBANON 4-H LIVESTOCK WINTER ROUNDUP

MARKET HOGS

GRAND CHAMPION: Stacy Krall
RESERVE GRAND CHAMPIONP: Breanne Hoffer
CHAMPION LIGHT HEAVY WEIGHT. Trisha Berger
CHAMPION LIGHTWEIGHT: Laura Arnold
RESERVE CHAMPION HEAVYWEIGHT Breanne Hoffer
RESERVE CHAMPION LIGHT HEAVYWEIGHT: Jenny Arnold
RESERVE CHAMPION MEDIUMWEIGHT: Laura Arnold
RESERVE CHAMPION LIGHTWEIGHT: Jeff Bombgardner

BEEF

GRAND CHAMPION. Shelby Heagy
RESERVE CHAMPION: Josh Meyer

SHEEP

GRAND CHAMPION Benjamin Bow
RESERVE GRAND CHAMPION: Daryl Grumbine
LIGHTWEIGHT CHAMPION: Daryl Grumbine
RESERVE LIGHTWEIGHT CHAMPION: Wendy Atkins

Josh Meyer holds steady his reserve grand champion beef animal while Bob Blecker displays the buyer's plaque.

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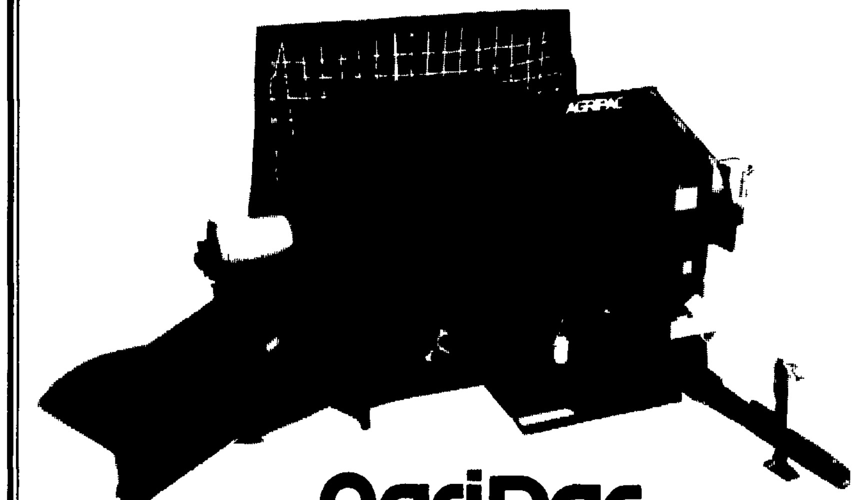

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While Tobacco Market Intensifies, Stauffer Grabs Champ

ANDY ANDREWS
Lancaster Farming Staff

LANCASTER (Lancaster Co.) — Depending on how much credit the U.S. allows the Soviets, Lancaster tobacco growers could be looking at a booming market.

Trouble is, many of the Eastern Bloc countries don't have the money to pay for a lot of domestic tobacco, according to John Yocum, senior research associate at the Penn State Southeastern Field Research Laboratory in Landisville.

Yokum spoke at the Lancaster County Tobacco Show at the Farm and Home Center Thursday. During show judging, Yokum answered questions about the tobacco market.

Yokum also explained the different classes of tobacco and what judges look for when determining a winner.

Judges for the Lancaster Tobacco Show were, from left, Jeffrey Ranck, Domestic Tobacco, and Jay Frey, Lancaster Leaf.

"The binders wrap the tobacco filler, and the judges look for thin veins," said Yokum. "The binders make up the middle to the lower part of the plant. These days, fillers are often referred to as the thick leaves, but technically are the overripe, dead leaves at the bottom of the plant."

In the fillers, said Yokum, judges look for uniformity and stretch, and consider other factors such as the amount of holes, insests, veins, color, etc.

To Clark Stauffer, 37, Ephrata, excellent growing conditions the past year and watching the amount of fertilizer that went onto the ground helped him capture grand champion Pennsylvania smoking tobacco honors at the show. His certified Maryland 609-type tobacco, using seed genetics obtained by Watson Seed Co., Watson, N.C., netted him the award.

Stauffer's champion hand of middle one-third tobacco is an example of the result of careful soil nutrient management and eight years of hard work on his four acres of 609 type in Ephrata.

Stauffer and his wife, Lucille, entered tobacco in three classes (all Pa. grown smoking) — Class bottom one-third, Class 5 middle one-third, and Class 6 top one-third.

This was Stauffer's second year as an adult at the tobacco show and has exhibited before in the youth class. This is his first Lancaster show championship, and he placed high last year at the Harrisburg Farm Show and also will be showing this year.

Clark Stauffer, Ephrata, picked up grand champion Pennsylvania smoking tobacco honors at the Lancaster Tobacco Show Thursday.

"I'd tell farmers to keep the manure off and don't overfertilize," said Stauffer. "It's also important to plant before the end of June — June 15, or around the first or second week of June. Also, keep the ground loose — the looser it is, the better."

(Turn to Page A50)

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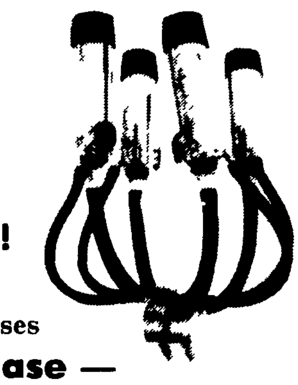

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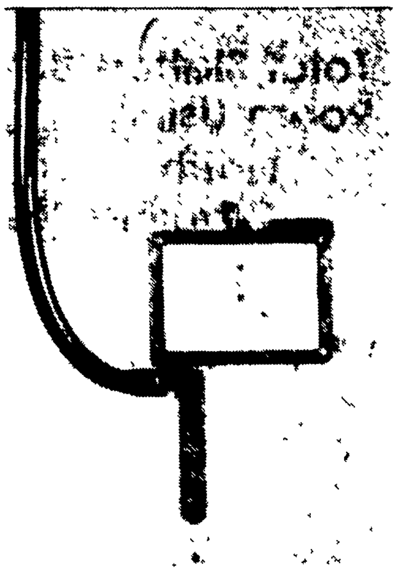

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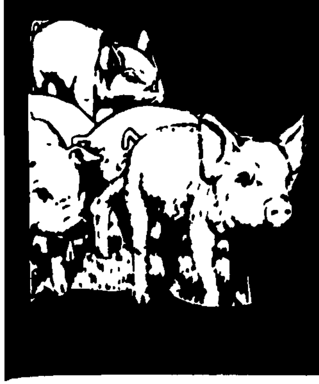

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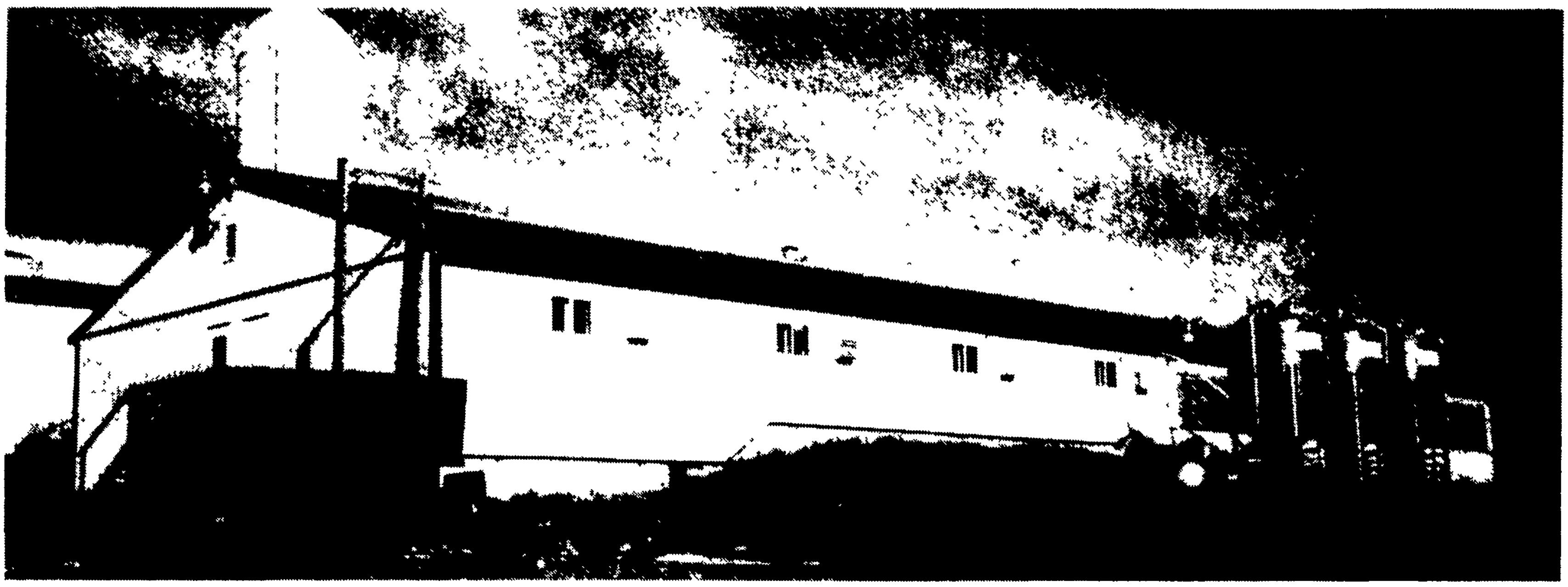

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(Continued from Page A41)

type is important, but not all of the good producers show the best type.

"The Farm Show is a good way to advertise that we don't only have good production, but good type.

"Years ago, you saw cows that had type, but not milk production. Now you're seeing type and production.

"Even for the breeders who are emphasizing production, in the long run they're looking for the same things we are — legs that are going to last, good feet and udders — in the long run it's more money in their pocket too," Alan said.

Of the six animals the Hostetters are sending to the Farm Show, they aren't necessarily the top producers in the herd. The aged cows are producing in the mid- to high-20,000 pound range. Some of the herd has peaked 30,000 pounds.

As far as using show results alone to determine bull or cow selection, Alan said he is hesitant.

"One thing you have to remember at shows — the Farm Show or big nationals — these are the best," he said. And when he makes a breeding selection, "I want to know how many (offspring through the mating of dam and sire) it took to get those good ones. When it comes to breeding cows, I want to know how consistent the sire is.

"If you go to a show to see what to use at home, be careful," he said. "I'm not saying a certain bull won't throw a good one, but you have to know the odds."

But even with all the business aspects surrounding the Farm Show, Alan smiled and said he also goes because he really enjoys showing.

"It's a hobby, it's a sport," he said.

Two Bulls Added To Proving Program

PLAIN CITY, Ohio— 7H3929 Plushanski Cayman-ET, a young sire bred by Charles Plushanski, Kutztown, has been chosen to enter Select Sires' Program for Genetic Advancement (PGA) sire sampling system.

Based on his outstanding pedigree, 7H3929 has been selected as one of 160 Holstein bulls from throughout the United States to enter the program in 1990.

7H3929 is sired by Pontiac. The dam of 7H3929 is a "Very Good" (87) Mark, with over 29,000M, 1,300F, and 1,000P as a two-year-old. Both the second and third dams are "Very Good" (87) Gold Medal dams with over 35,000M, 1,800F, and 1,190P.

7H3913 Castlemont Shadow-ET, a young sire bred by David Castroginvanni, Montrose, has been chosen to enter Select Sires' Program for Genetic Advancement (PGA) sire sampling system.

Based on his outstanding pedigree, 7H3913 has been selected as one of 160 Holstein bulls from throughout the United States to enter the program in 1990.

7H3913 is a Melwood son from two generations of "excellent" dams with "Excellent" mammaries.

Adams County DHIA Awards

YORK SPRINGS (Adams Co.) — A number of dairy farmers were recently recognized by the Adams County Dairy Herd Improvement Association (DHIA) for their 1990 milk production efforts.

During the organization's 62nd annual banquet, nine farms were recognized for production achievements. The acknowledgements are based on either overall rolling herd average, outstanding individual cow production or most improved herd within the county.

Receiving an award for the top herd in the county was Josie Hess, of Gettysburg, who represented Jo-Jen farm.

Leroy Deputy, of York Springs, received an award for having the second highest producing herd and another for having the cow with the highest lifetime butterfat content.

Guy Kehr, representing Kehr Acres, of Littlestown, received an award for having the third highest producing herd in the county.

Wayne H. Rodgers, Biglerville, retiring president of the county DHIA board, received awards for having the third highest herd, an award for cows with high lifetime milk, high lifetime protein production, and he received an award for having a herd with the second lowest somatic cell count.

David Kehr, of Kehr Acres, Littlestown, received an award for having the herd with the greatest increase in milk and protein production.

Joy Hess representing Jo-Bo Holsteins, Gettysburg, received awards for having the cows which displayed during the last lactation, the highest milk and protein production.

Melvin R. Durboraw of Gracistate Farm, Gettysburg, received an award for having the herd with the greatest increase of butterfat.

Steve Wood of Penn-Gate Farms, Littlestown, received an award for have a cow with the highest butterfat content during the last lactation.

Robert C. Hoffman, York Springs, received an award for having the herd with the lowest average somatic cell count.

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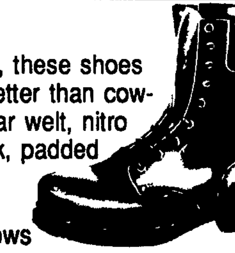

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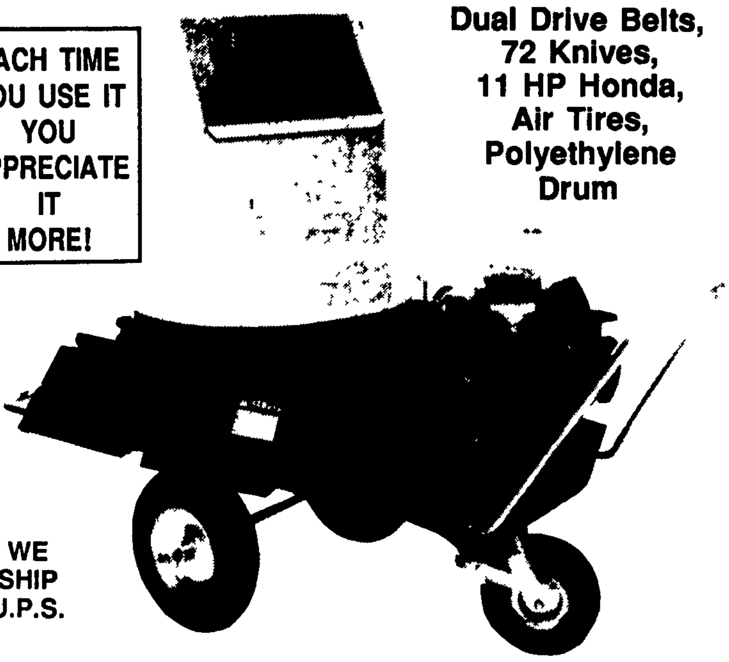

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Donald Todt
Hanover, PA

Eugene Walker
Spring Mills, PA

Walker's Farm Service
Somerset, PA

Tom Weeter
Knox, PA

Smith's Dairy Supply
New Enterprise, PA

Howard Richardson
Delta, PA

Ken Deitch
Boiling Springs, PA

Adams Bros.
Shoemakersville, PA

Henry F. Barley
Lancaster, PA

Homer B. Boll
Lebanon, PA

Brown & Rea
Atglen, PA

Cargill Inc.
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Dennis A Cunfer
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Fred Frey
Quarryville, PA

Hoober's Mill
Intercourse, PA

James Keiper
Elizabethtown, PA

Paul Kline
Lititz, PA

Robert Kreider
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Miller Equipment
Bechtelsville, PA

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David M. Nolt
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Ivan M. Nolt
Ephrata, PA

Melvin Nolt
Richland, PA

Reynold Reinert
Fogelsville, PA

Elvin Rohrer
Cochranville, PA

Wilmer W. Rush
Perkasie, PA

Chester H. Soltys Jr.
Spring City, PA

Robert Warriner
Montrose, PA

K.R. Werner & Co.
Glen Mills, PA

Koch's Farm Service
Tamaqua, PA

Ron Carty
Columbus, NJ

Anthony's Feed Mill
Strausstown, PA

Bruand Valley Farms
Troy, PA

Carl Felty
Tamaqua, PA

Bill MacCauley
Atglen, PA

Franklin D. Hess Ent.
Orangeville, PA

Dana Ingerto
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Pre-milking Udder Preparation Critical For Quality Production

Pre-milking hygiene, a critical component of mastitis and milk quality programs, should fulfill the following requirements:

- Remove all visible soil from teats and base of udder.
- Reduce contamination of the milk.
- Not carry pathogens from cow to cow or from teat to teat.
- Not add chemicals to the milk.
- Not cause skin irritation or other adverse effects.
- Be practical to use in the milking routine.
- Add to the image of hygienic methods in food production.

There are several methods of pre-milking udder preparation.

The success of teat and udder cleaning depends not only on the method used, but also on how carefully the method is carried out. Udder preparation should not be ritual only!

The milker must pay close attention to the teats during cleaning, concentrating on the lower part of the teat. Teats should be dry prior to milking.

Teat cleaning should also be combined with stripping fore milk.

Discarding and examining the first few streams of milk can make it possible to check for clinical mastitis and help lower bacterial counts.

The strength of the disinfectant should be carefully controlled.

Too high a concentration can cause serious skin irritation, leading to possible milking difficulties and mastitis. Strong solutions also add to the risk of residues in milk.

International Dairy Federation Bulletin No. 247 (1990)

How Does Your Herd Compare?

STATE COLLEGE (Centre Co.) — This data is pulled from Pennsylvania DHIA's mainframe computer each week. It is a one-week summary representing approximately one-fourth of the herds on test, as they are tested monthly.

These data are valuable from a business management standpoint and can be used for comparing your operations to the averages from almost 1,400 herds across the state.

DHIA Averages for all herds processed between 12/18/90 and 12/25/90

Number of Herds Processed	1,347
Number of Cows Processed	78,441
Number of Cows Per Herd	58.2
Milk Per Cow (Lbs)	17,379
%-Fat	3.66
Fat Per Cow (Lbs)	637
%-Protein	3.18
Protein Per Cow (Lbs)	553
Average Days in Milk Per Cow	316
*Value for CWT Milk($)	14.63
*Value for CWT Grain($)	8.09
*Value for CWT Hay($)	4.40
*Value for CWT Silage($)	1.53
*Value for Pasture Per Day($)	.30
*Value for Milk Per Cow Per Year($)	2,543
*Feed Consumed Per Cow Per Year(Lbs)	
A: Grain	7,005
B: Hay	2,513
C: Silage	14,689
D: Day Pasture	68
*Feed Cost Per Cow Per Year($)	
A: Grain	566
B: Hay	110
C: Silage	225
D: Pasture	21
*Total Feed Cost Per Cow Per Year($)	924
*Income Over Feed Costs Per Year($)	1,619
*Grain to Milk Ratio	1:2.4
*Feed Cost Per CWT Milk($)	5.32
Avg Level For 1,103 SCC Herds	335,239

*Member generated figures

Dairy Fun Night At Farm Show

HARRISBURG (Dauphin Co.) — On Monday, January 7, 1991, visitors to the 75th Pennsylvania Farm Show can witness government officials at work as they compete in various "dairy related" competitions. The first-ever, "Dairy Fun Night," will celebrate Pennsylvania's number one agricultural industry and provide entertainment for show visitors of all ages.

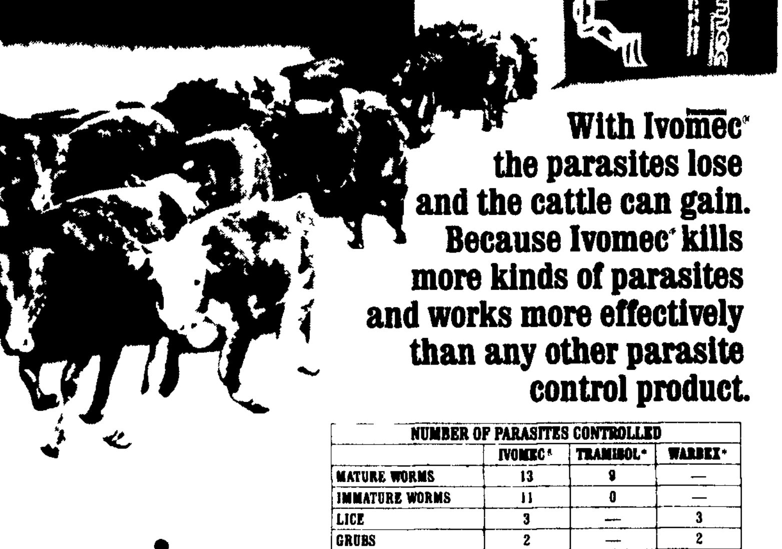
For the fun night, the small arena of the farm show complex will be the stage for a myriad of contests including celebrity cow milking and butter making, ice cream churning, calf dressing, celebrity cow judging, and dairy jeopardy. The evening will conclude with the construction of a 100 foot banana split.

At the start of the evening, celebrity teams will first milk a cow, and then, make butter from the milk collected. The winners will be the team with the lowest combined time for the two activities. Various government officials have been asked to participate in this entertaining event.

An ice cream churn-off between pre-selected contestants will follow with competitors hand churning their favorite recipes. Prizes will be awarded to the best recipes of the evening. A calf dressing contest will be next and again, pre-selected teams will compete for cash prizes. Categories for the dressing contest include famous personalities and historical people. Entries for both contests will be accepted by the Pennsylvania Dairy Promotion Program until December 15. Rules for each are available by sending a self addressed and stamped envelope to the PDPP, 2301 North Cameron Street, Harrisburg, PA 17110.

The construction of a giant banana split will close out the evening activities. The audience will see volunteers and dairy princesses build the creation and then enjoy free samples.

MORE BEEF FROM EVERY BOX.



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NUMBER OF PARASITES CONTROLLED			
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MATURE WORMS	13	9	—
IMMATURE WORMS	11	0	—
LICE	3	—	3
GRUBS	2	—	2
MANGE	2	—	0
TOTAL	31	14	

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Don't just think of what it eliminates, but what it creates.

[illegible]

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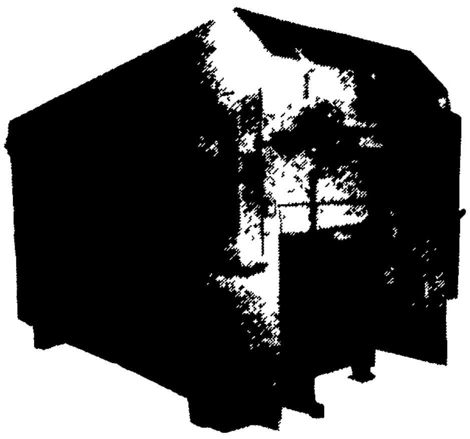
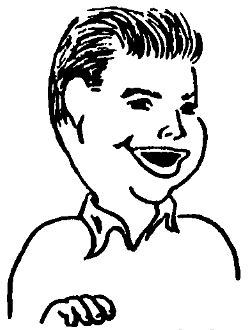


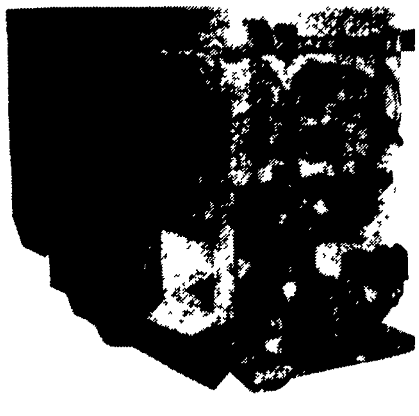
The success of and demand for the Rissler TMR Cart was nearly phenominal and gratifying to say the least. Our inability to meet customer demands is evidenced by our continual list of back orders.



Sylvan Says...

The Growth Of This Division Was Enhanced By Market Openings In Other States.

We want to wish all farmers out there a prosperous New Year and want to especially thank the hundreds of farmers that placed their confidence in a Rissler Mixer or Mixing Cart and purchased them. Our goal is to make you a product of the highest quality and largest wearing capabilities with the least amount of service at a fair price.



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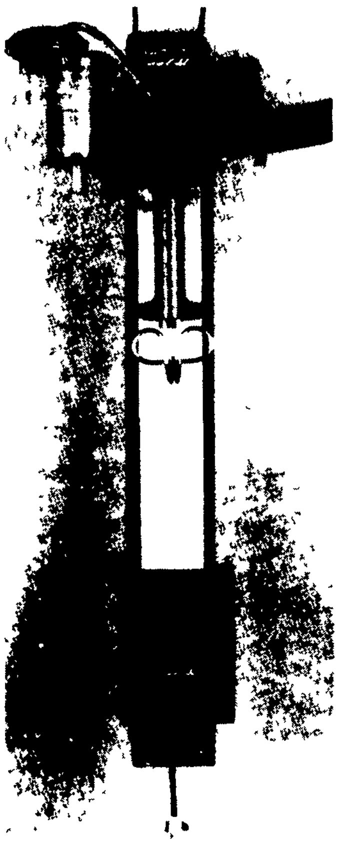
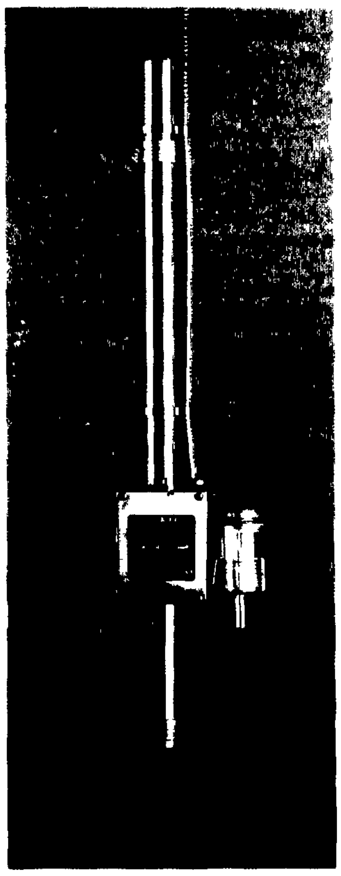


SST II
Portable



SST II
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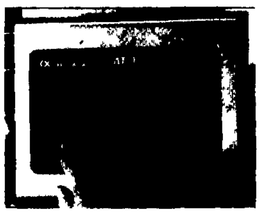
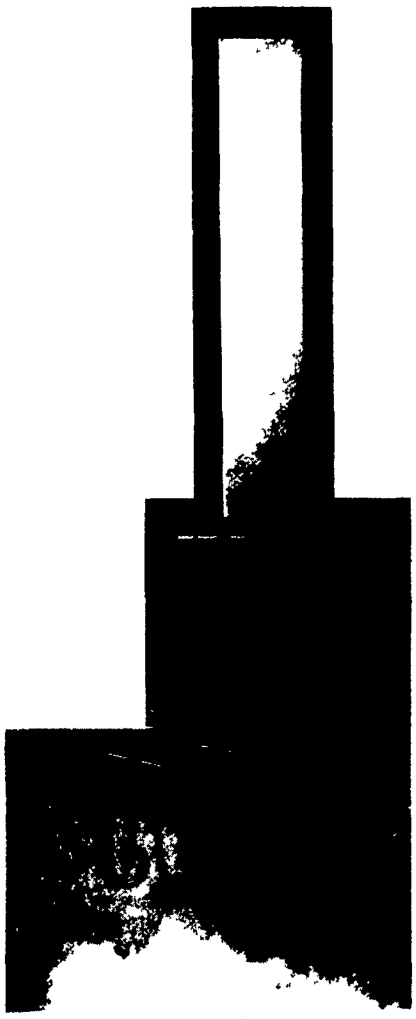


Plato
Meter Interface



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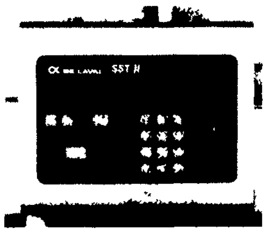
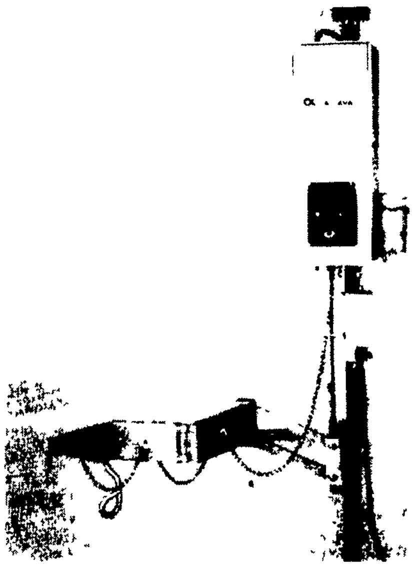


SST II
Meter Interface



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While Tobacco Market Intensifies

(Continued from Page A44)

Judges for the show were Jay Frey of Lancaster Leaf and Jeffrey Ranck of Domestic Tobacco, Lancaster. Following is a list of show placings.

LANCASTER TOBACCO SHOW

PLACINGS

OPEN CLASSES

PA GROWN SEEDLEAF

Class 1 (Wrapper) Donald E Shank 2 Mark Rohrer 3. Witmer J Rohrer Class 2 (Filler) 1. Raymond W Burkholder. 2 Frank F Bachman. 3. J. Robert Shuman. Class 3 (Binder). 1. Michael Rohrer 2. Witmer Rohrer. 3 Eugene Rohrer

PA GROWN SMOKING

Class 4 (bottom one third) 1. Mike Mellott 2. Gary Neff 3 Neff Brothers. Class 5 (middle one-third)· Clark Stauffer 2 Mike Mellott 3 J Richard Groff. Class 6 (top one-third)· 1 J Richard Groff 2. Lucille Stauufer 3 Neff Brothers.

YOUTH CLASSES

PA GROWN SEEDLEAF

Class 13 (Wrapper)· 1 Brian Eshbach 2 Brian Sensenich 3 Larry Eshbach Class 14 (Filler) 1 Brian Eshbach 2 Mark L Lindeman. 3. Paul Lenhard. Class 15 (Binder): 1. Brian Eshbach. 2. Larry Eshbach. 3. Barry L. Siegrist

PA GROWN SMOKING

Class 16 (bottom one-third): No entrants Class 17 (middle one-third)· 1. Brian Eshbach. 2. Lesley Ebersole. 3. Larry Eshbach. Class 18 (top one-third): 1. Lesley N. Ebersole. 2. Brian Eshbach. 3. Mark L. Lindeman.

GRAND CHAMPION TYPE 41

Michael Rohrer

GRAND CHAMPION PA SMOKING

Clark Stauffer

Grand Opening

(Continued from Page A27)

- **Flying Farmers Queen** — Eilene Keller, Lebanon, Lebanon Co.
- **Grape Queen** — Debbie Mack, North East, Erie Co.
- **Honey Queen** — Dianne Nicely, Limerick, Montgomery Co.
- **Keystone Pony Pullers Queen** — Toni Spataro, Acme, Westmoreland Co.
- **Lamb and Wool Queen** — Arlisa Snavely, Lancaster, Lancaster Co.
- **Maple Sweetheart** — Amy Russell, LeRaysville, Bradford Co.
- **Mushroom Queen** — Chandra Lyn Affeldt, Kennett Square, Chester Co.
- **Penn State University Ag Advocate** — Christopher, Upper St. Clair, Allegheny Co.
- **Penn State University Ag Advocate** — Danielle DiCiano, Vincentown, N.J.
- **Poultry Queen** — Kristin Mummert, East Berlin, Adams Co.
- **Pork Producers Youth Representative** — David Elkin, Marion Center, Indiana Co.
- **Veal Ambassador** — Barry Sands, Montrose, Susquehanna Co.
- **Penn State 4-H Ambassador** — Brent Lutz Spring City, Chester Co.
- **Penn State 4-H Ambassador** — Michelle Browr Philadelphia
- **State Grange Ambassador** — Jodi Marshall, Portersville, Butler Co.
- **State Grange Ambassador** — Clair Wriglesworth, Grampian, Clearfield Co.

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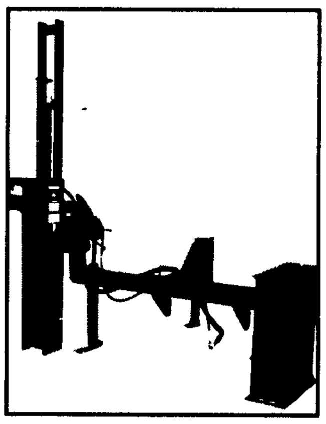

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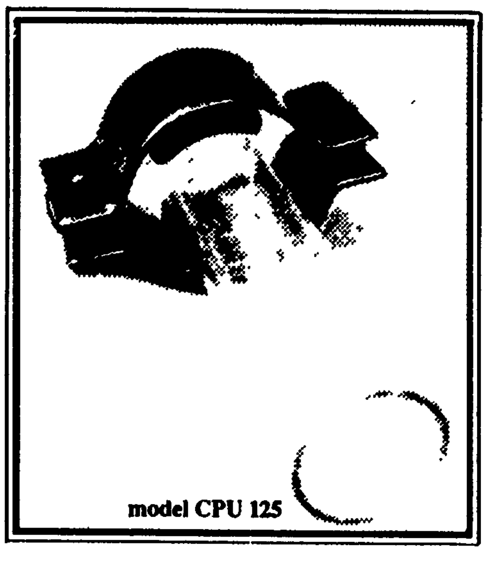

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Biotin	250 Mcg
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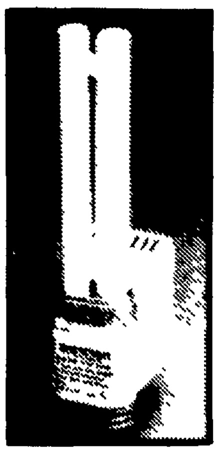

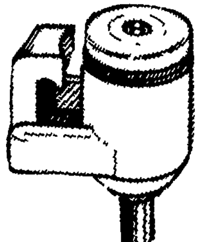

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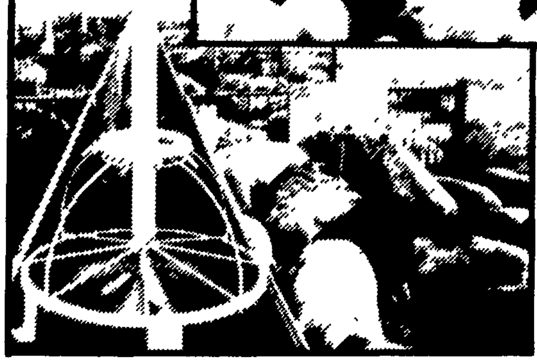

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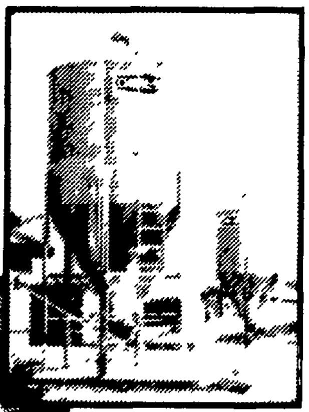

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Triplets Debut

(Continued from Page A1)

"We expected twins," Janet recalled, "but after the second baby was delivered, the doctor announced that there was a third baby."

Bill promptly fainted.

The triplets weighted in at a healthy 5.5 pounds; 5.12 pounds; and 6.1 pounds.

That was the beginning of the "frightening and wonderful life of raising triplets," said Janet. This year the triplets, Jana, Kara, and Lance, are old enough to enter 4-H competition at the Farm Show.

The triplets will enter sewing projects and posters. The triplets' mother is their 4-H leader who also substitute teaches food and child development at a local school. If the triplets follow their older sisters' footsteps, they are certain to be successful in sewing competition.

Christa, who is now 15, placed first in the Make-It-With-Wool state contest and will travel to California for national competition on January 17. Christa was also a state finalist at Penn State 4-H Fashion Revue.

"It helps to have my mother as the sewing teacher," Christa said, "because she makes me rip it out and do it over when it isn't right."

Trisha, 11, placed second in the junior division of the Make-It-With-Wool contest. She was not intending to enter the contest, but her school district went on strike for five weeks, so she thought she might as well sew.

Trisha, according to her mother, is very bright and likes to read, quilt, play the clarinet, and make crafts and ceramics. She also likes to swim, play soccer, and softball.

As the only boy in a family of four girls, Lance claims, "It's a pain."

He wishes he had a brother because his sisters are always trying to get him to do things like dishes. Despite the "pain," Lance said that he likes his sisters and thinks that it's fun to be a triplet.

Lance made shorts for his 4-H

(Turn to Page A54)

Lance enjoys sewing, but said, "I can't sew as good as my sisters."

Trisha watches sister Christa sew. Christa won the Make-It-With-Wool junior competition on the state level and will travel to California to compete nationally. Trisha placed second in the preteen division. Both entered 4-H sewing competition at the Farm Show.

The Gallagher family looks forward to the Pennsylvania Farm Show. Front, from left, are triplets: Jana, Kara, and Lance. Christa, 15, back row, left, and Trisha, 11, right, have had previous Farm Show wins. William is the Fayette County extension agent, and his wife Janet is a home economist.

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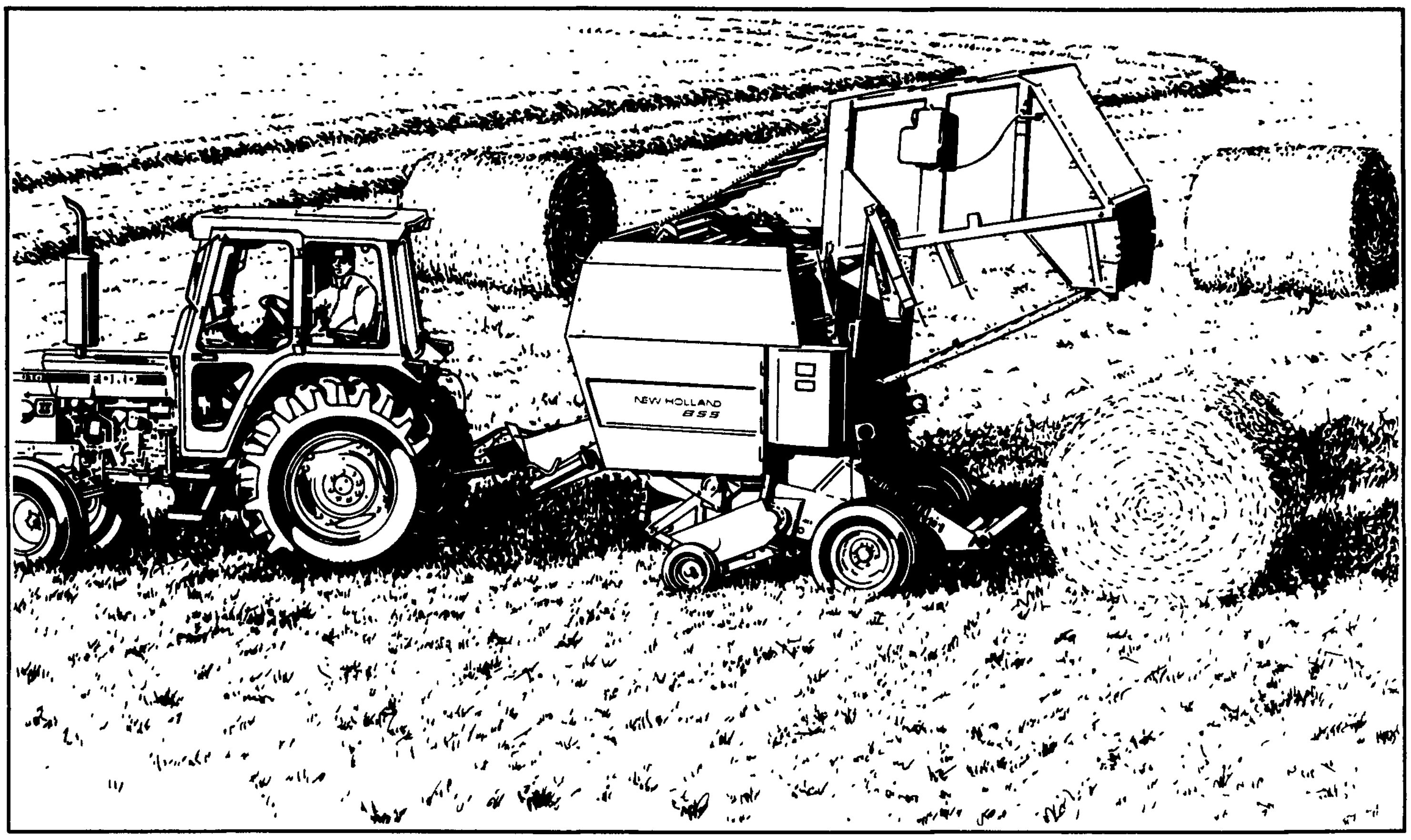

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Triplets Debut

(Continued from Page A52)

sewing project. "I like sewing, but I can't sew as good as my sisters," he said.

He prefers soccer, basketball, baseball, and fixing up model trains. He likes to help his dad work in the yard and garden.

His triplet Jana "reads all the time and loves stuffed animals." She is the only one of the triplets to play the piano. Recently, she was named "Student of the Month" at her school.

"It's fun being a triplet, she said. "We are very close to each other, and we get a lot of attention."

Her sister Kara disagrees. "It's not that great," she said.

She thinks it would be better if her brother were another girl. He and all boys, she surmises, always think they have to win every game.

Kara is known as the "neatnik." She cleans all the time, is always straightening things and picking things up. Sometimes, she exasperates the family by throwing things away during her cleaning sprees, yet she impresses them by always fixing her bed and dusting the furniture.

All the Gallagher children will compete in 4-H sewing at the Farm Show. All enjoy sewing and plan to continue it as a hobby. The children also are adept at cooking. The girls have their sights set on becoming teachers; Lance wants to be an architect.

The Gallaghers' projects will be displayed at the 4-H Textile Science display in the 4-H Family Living Department at the Farm Show Complex.

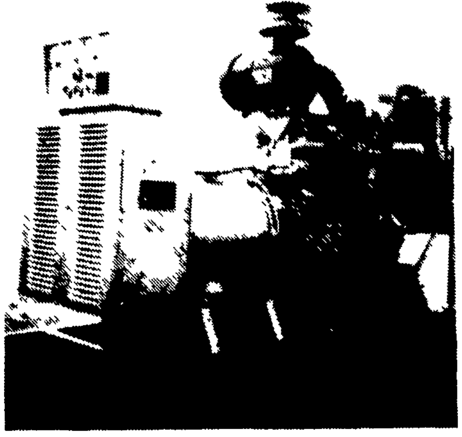
Public Auction Register

JANUARY

TUES. JAN. 8 - 12.30, Carpent Auction, located Harpursville, NY, Charlie Manassee, Auct.

FRI. JAN. 11 - 12Noon, Development Property, located at W. Clover Ave., & N. Jackson St, Strasburg, PA, Baldwin Industrial Liquidators, Inc., Aucts.

FRI. JAN. 11 - 1:30PM, State Graded Feeder Pig Sale, Carlisle Livestock Market Inc., Exit 12 E. off I-81.



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NH L-445 D, Skid-Steer	$8,500
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New Holland 320 w/70 Thrower (Choice of 2)	$7,500
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New Holland 310 w/70 Thrower "Nice"	$5,500
New Holland 276 Baler w/Thrower	$3,500
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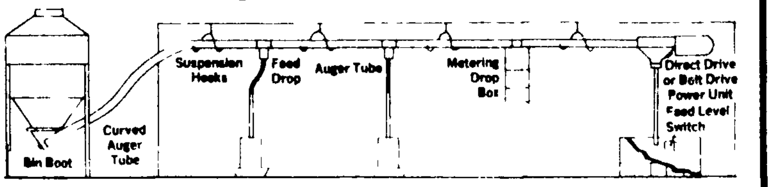

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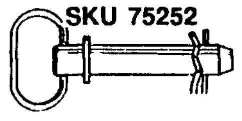

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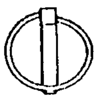

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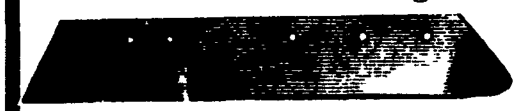

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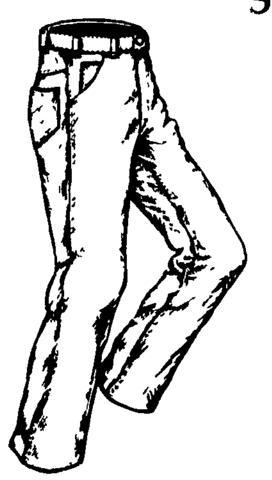

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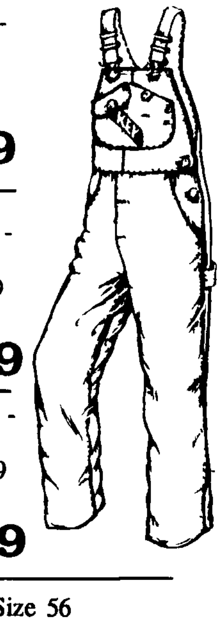

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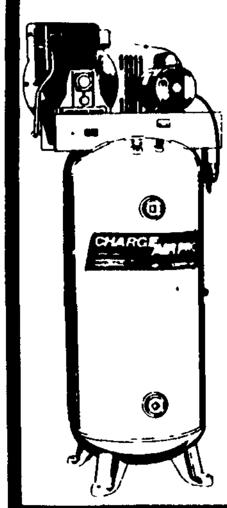
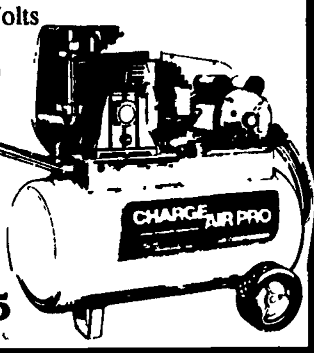


3 H.P. 20 GAL. TANK

- 125 Lbs. Max. Pressure
- 115/230 Volts
- 8.2 CFM (7.3 @ 90 P.A.I.)

SKU 45103



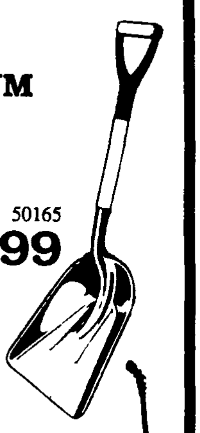
Reg. $369.95
SALE PRICE
$339.95

UNION
PROMOTIONAL
MANURE FORK

5 Tines
Spread at points, 9¼ "-9½ ". Length of Head, 12½ "
48" handle.
SKU 50330
No. 742 236

SALE PRICE
$14.99

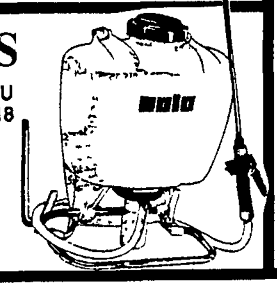
UNION
DELUXE
ALUMINUM SCOOP



#14 Size
15¼ "x19¾ " blade
27" Poly 'D' Handle
50165
SALE PRICE **$18.99**

40" Long Handle Scoop
50155
SALE PRICE
$28.99

solo SPRAYERS

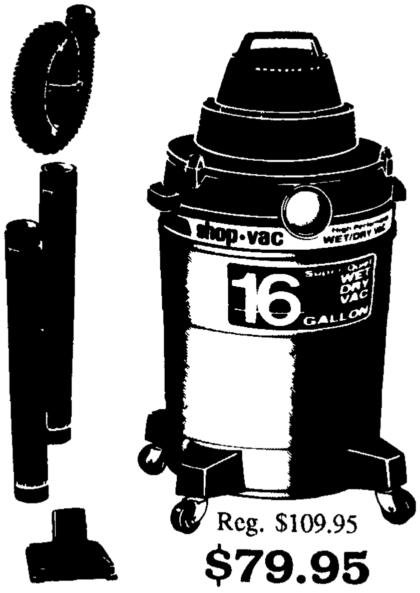


Piston Pump Model 425
SKU 52818
4 Gal. Reg. $89.95
SALE -**$74.95**

Model 435 5 Gal. SKU 52819
SALE -**$84.95**

Diaphragm Pump Models Available At Same Prices

2 H.P. 16 Gallon
shop·vac®

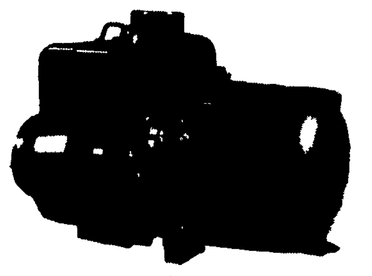


Reg. $109.95
$79.95

PACER
PACER TRANSFER PUMPS

1½ " and 2" Sizes w/3 H.P. B&S Engines
Pump Capacities Of 150 And 170 Gallons/Minute

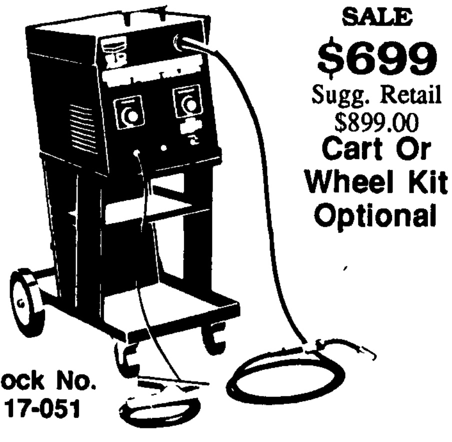
SKU 73413 & 73417



Reg. $189.95
$169.95

110 AMP MIG WIRE FEED WELDER

CENTURY



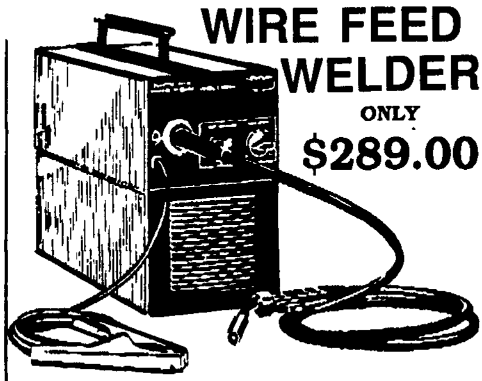
SALE
$699
Sugg. Retail $899.00
Cart Or Wheel Kit Optional

Stock No. 117-051

- Faster, easier, and less expensive than gas or stick welding
- Plugs into standard 120 volt outlet
- Welds in all positions
- Choose spot or continuous welding — using just one control
- Weld 24 gauge to ¼ inch steel, weld aluminum too.

QUICK FIX™ GASLESS WIRE FEED WELDER

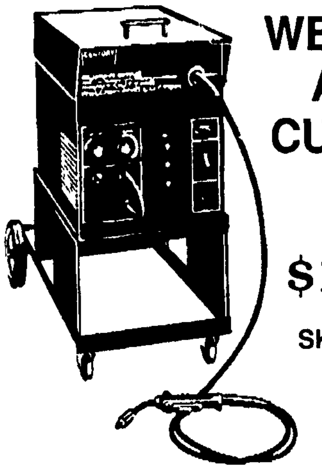
CENTURY



ONLY
$289.00

SKU 76853
- Plugs into standard outlets no special wiring required.
- Welds with flux-core wire - no rods or shielding gas required.
- Welds thick or thin steel-3/16 in. to 18 ga.
- Easy to use-just squeeze the trigger to weld.
- Made in U.S.A.

SUPER STAR® 225 AMP MIG WIRE FEED WELDER AND CUTTER



ONLY
$1,699

SKU 76854

- Welds faster and easier than gas or stick welders.
- Welds 24 ga. to ½ in. steel. Welds aluminum. Welds with specialty wires too!
- Cuts fast and clean through up to ¼ in. steel to save time.

ROLLING ON...IN THE 90's

Brillion

MEETS THE CHALLENGE

The "Quality Crafted" Line

Better Seedbeds....Better Stands!

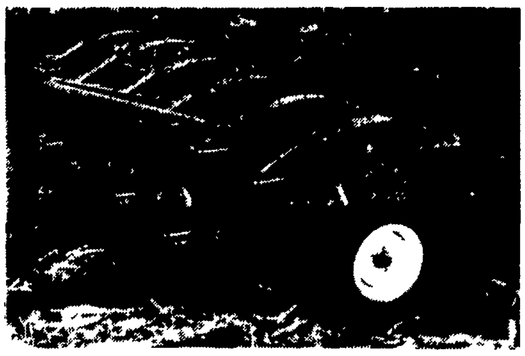
DEEP TILLS

This 9 shank model has a cutting width of 11'3" and is fitted with the optional drawbar hitch. It is equipped with the coulter gang assembly, which has 10" vertical adjustment. Shanks are set at 15" spacing but may be converted to 30" spacing by raisinig the rear row of shanks. Depth is controlled by hydraulic gauge wheels.

3-SHANK DEEP TILLS

The three shank model, shown above, has a Category II hitch With a cutting width of 7'6", it is ideal for operators with smaller acreages and horsepower It is extremely maneuverable, yet provides the same basic deep tilling job as its "big brothers "

7 SHANK DEEP TILLS

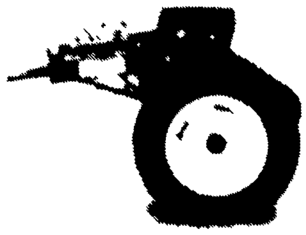


The 7 shank model shown here, as well as the 5 shank model, has a Category III hitch This model is equipped with single individual trash cutting coulters and cuts a 17'6" width It uses manual gauge wheels

NEW SS8 & SS10 SEEDERS

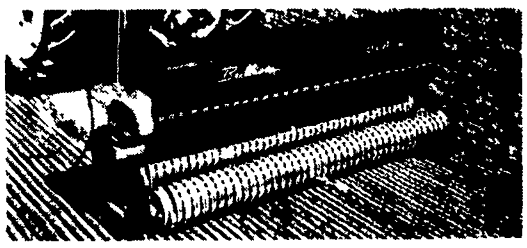
Box size over 4 bushels. A simplified drive system allows for seeding rates up to 50% greater than previous models. A heavier drawbar and frame was designed for use in more rugged conditions. Available in 8' & 10' Lift Type and 8' & 10' Hydraulic Transport Model.

HYDRAULIC TRANSPORT KITS FOR SURE STAND & TURF MAKER GRASS SEEDERS



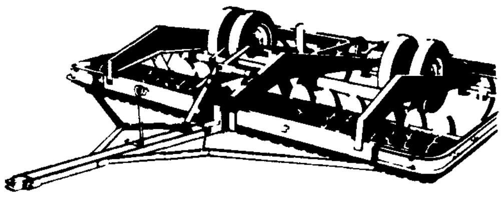
IN TRANSPORT
Your seeder is raised by your tractor s hydraulic system Seed rollers have about 11" of ground clearance A hinge type transport lock, similar to that used on other Brillion machines is simple, yet secure for road travel Kit includes hoses to tractor, four flow restrictors, cylinders and transport locks

TURF MAKER SEEDERS



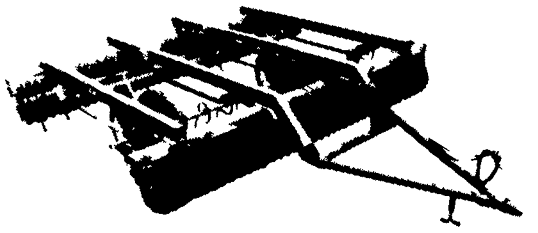
This Brillion specialty seeder utilizes the same world famous seeding method made popular by the "Sure-Stand" agricultural model grass seeder. Variations in seedbox capacity and seed metering mechanisms make these the ideal seeder for special requirements of professional landscapers, turf and sod raisers. 10 ft.

M MD PULVI MULCHERS



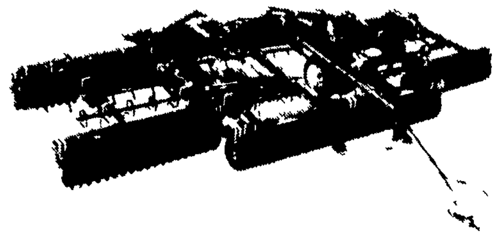
The Brillion Pulvi-Mulcher converts fall or spring plowings into clod-free, high yield seedbeds. Just flick the tractor hydraulic control pulvi-mulcher lifts to transport wheels. Available from 7'6" to 15".

ML SERIES PULVI-MULCHERS



PULVI-MULCHERS Build a firm clod-free seedbed — one that lets all the seeds germinate at one time. 12 '6", 3'10" & 5'2"

WL PULVI-MULCHERS



The latest example of how Brillion has met the challenge of the earth and the competition. The front rollers break up surface clods. "C" shaped ribbon teeth or "S" spring tine teeth break up the soil to 6" in depth and pulls clods to the surface. 21 ft. 8", 25 ft. & 30 ft.

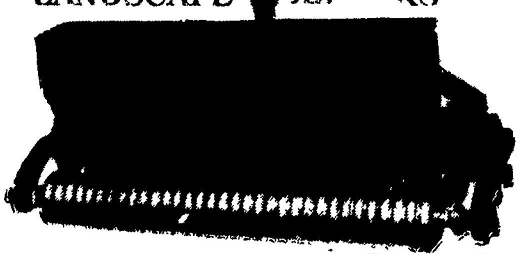
SOIL BUILDERS

SOIL BUILDERS. Coulter gang can be hydraulically controlled to save maintenance dollars. 5, 7, 9 & 11 shank.

SOIL GROOMERS

Main illustration shows 12-foot Soil Groomer with spike drag harrows. Inset photo shows new disc arrangement with 18" dia. discs that move soil inward to reduce ridging. Scrapers are adjustable. 12 to 30 ft.

LANDSCAPE SEEDERS



Like the larger models, the 5'4" crushes, seeds and rolls in one operation, tucking seeds in the top ¼ " of the soil... in a firmed clod-free seedbed that gives thick, even stands at greatly reduced seeding costs. The shallower seeding depth is just right for controlled moisture and growth conditions.

FOR MORE INFORMATION... CONTACT YOUR BRILLION DEALER

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ADAMSTOWN EQUIP INC

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MILLER EQUIP CO

Berwick
C H RINEHIMER & SONS

Carlisle
GUTSHALL'S, INC

Dover
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GEORGE V SEIPLE

Elizabethtown
MESSICK FARM EQUIPMENT CO

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YINGLING IMPLEMENT

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Columbus
REED BROTHERS EQUIPMENT

Elmer
POLE TAVERN EQUIP SALES CORP

Fairfield
CALDWELL

ROLLING ON...IN THE 90's

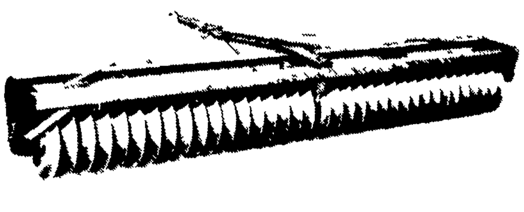
Brillion

MEETS THE CHALLENGE

The "Quality Crafted" Line

Better Seedbeds...Better Stands!

SINGLE GANG PULVERIZERS

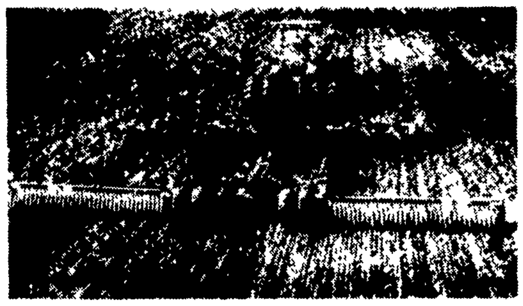


This model pulverizer has earned a reputation as one of the industry's huskiest, heaviest smooth wheel pulverizers available, weighing in at approximately 130 pounds per rolling foot 10 ft. thru 16 ft.

P10 PULVERIZERS

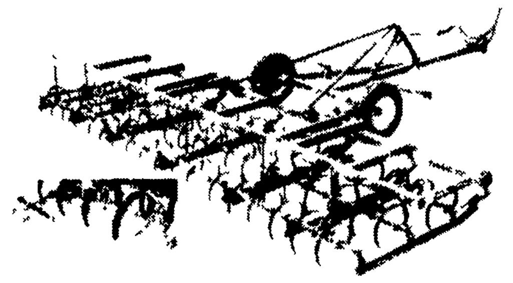
New P10 Series Single Gang available as pull type or transport. 10 ft. thru 16 ft. available with most old style rollers including 20" Ductile Wheel.

X-FOLD PULVERIZERS



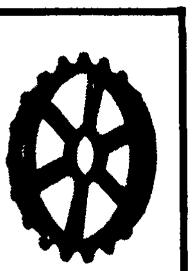
The X-Fold pulverizewrs are designed to meet the needs of today's larger acreage farmers... and Brillion offers them in two models and 11 sizes from 19' through 36'

CART HARROWS



CART MOUNTED HARROWS Allows each section of the harrow to follow the contour of the ground but also has a cart that converts the machine for easy transport. 16 ft., 20 ft. & 24 ft.

20 INCH DUCTILE Notched or Crowfoot ROLLER WHEELS

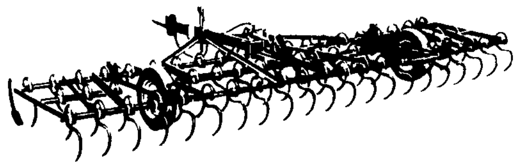


The fact that Brillion leads the industry in the sale of Pulverizers and Pulvi-Mulchers is because all Brillion Roller Wheels are made in Brillion's own modern foundry This directly affects the cost and quality of these machines and gives Brillion a considerable advantage over the competition Brillion's newest design, a 20" six spoke ductile iron notched or crowfoot wheel carries a **FIVE-YEAR LIMITED WARRANTY AGAINST BREAKAGE.**

XXL PULVERIZER

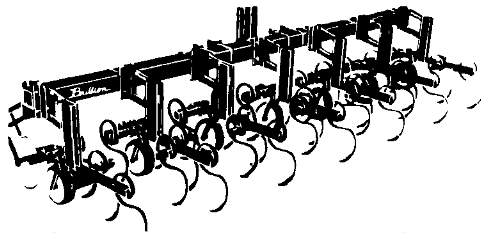
The XXL is designed to match large-sized tillage tools. Working widths are 38, 40, 42, 44 and 46 feet, yet the XXL folds down to only 16 feet 5 inches for transport. Brillion's lighter weight, **20-inch ductile iron roller wheels** make it possible to widen the machine without drastically increasing the weight.

SPRINGTOOTH HARROWS with "INSTANT" TRANSPORT



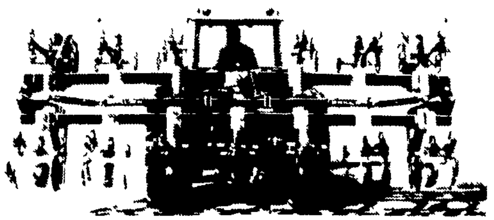
STS and STR series have low profile design with heavier tooth mounting bars, longer wheel wells and PRE-SET depth control. STR models have "C" shaped or ribbon teeth. STS models are equipped with spring tines. 8 to 20 ft.

"S" TINE CULTIVATORS



The "S" tine has a four-way tooth movement that is designed for high speed cultivation in conjunction with chemical weed control The spring tines perform well in dry or wet soil, even in rocky ground. The vibrating tines not only kill weeds, but also mulch the soil and level the ground. 4, 6, 8 & 12 row.

FLAT FOLD CULTIVATORS

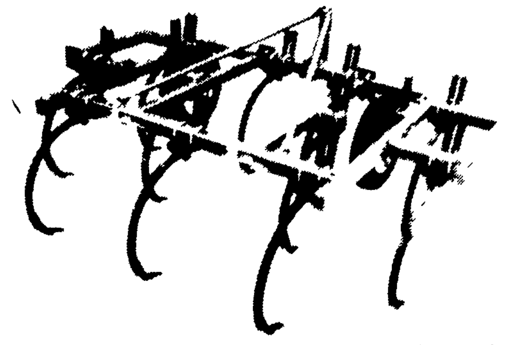


This distinctive Brillion features results from rigid parallel links made of high strength gray iron — each link weighs 12 pounds The ends are fitted with 2" wide Nylatron sleeve bearings With this wide bearing surface, frequent resettings in the field are eliminated. 6-8-12 Row

FLAIL SHREDDERS

FLAIL SHREDDERS Heaviest gearbox on the market eliminates the number one cause of downtime. 12 ft. & 15 ft.

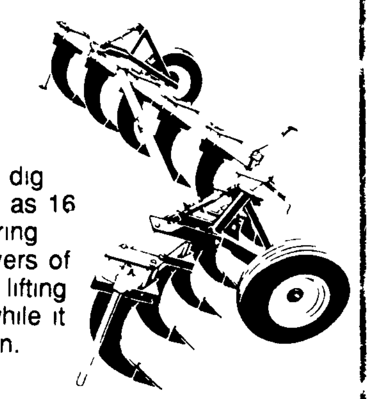
MOUNTED CHISEL PLOWS



The CPP series of mounted models enables you to turn short and fast... to transport easily, utilizing your tractor's hydraulic system. 7, 9, 11, 13 or 10. 12, 14, 16 ft.

SUB-SOILERS

The husky, curved shanks of the Sub-Soiler dig down as deep as 16 inches, shattering compacted layers of plow sole and lifting the hardpan while it is being broken. 3, 5, 7, 9, 11 shanks.



FOR MORE INFORMATION... CONTACT YOUR BRILLION DEALER

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ADAMSTOWN
EQUIP INC

Bechtelsville
MILLER
EQUIP CO.

Berwick
C H RINEHIMER
& SONS

Carlisle
GUTSHALL'S, INC.

Dover
GEORGE N
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Easton
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MESSICK FARM
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Greencastle
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Hanover
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GUTSHALL'S, INC

Maxatawny
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Needmore
CLUGSTON
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New Holland
A.B.C GROFF, INC.

Oakland Mills
PEOPLE'S SALES
& SERVICE

Oley
PIKEVILLE
EQUIPMENT, INC

Perryopolis
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Quarryville
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LESLIE FOGG

Columbus
REED BROTHERS
EQUIPMENT

Elmer
POLE TAVERN
EQUIP
SALES CORP

Fairfield
CALDWELL

Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

NEW DIETARY GUIDELINES RELEASED

The new edition of the "Dietary Guidelines for Americans" was released in October, replacing the last edition published in 1985.

The U.S. Department of Agriculture (USDA) and the Department of Health and Human Services (HHS) appointed a nine-member pannel of physicians and nutrition scientists to evaluate and review the 1985 recommendations.

This popular consumer bulletin is more than just a booklet of nutrition recommendations for healthy citizens. It establishes federal nutrition policy that directs the work of USDA and HHS.

The revisions change the emphasis from "good food/bad food" connotations. Less theory and more helpful tips are included to make this a user-friendly resource for consumers.

Here are some of the notable areas of change:

* The section "Eat a Variety of Foods" includes information regarding infant diets.

* The wording "Maintain Healthy Weight" from "Maintain Desirable Weight" takes into account such complex things as the body mass index, waist to hip ratio and health problems a person may have that are associated with weight.

* "Choose a Diet Low in Fat, Saturated Fat and Cholesterol" is a more positive approach than in the past guidelines which recommended to "Avoid Too Much Fat, Saturated Fat, and Cholesterol." This change offers more food selection tips with less emphasis on theoretical concepts. The target goals of 30 percent or less of total calories from fat and less than 10 percent of calories from saturated fat are consistent with the National Research Council and the National Cholesterol Education Programs' dietary recommendations.

* "Choose a Diet with Plenty of Vegetables, Fruits and Grain Products" is replacing the former recommendations of "Eat Foods with Adequate Starch and Fiber." Outlining actual foods rather than desired food components is more easily understood.

* "Use Sugars in Moderation" is a more positive message than as previously stated to "Avoid Too Much Sugar."

* "Use Salt and Sodium in Moderation" helps those persons who have a better understanding of salt intake than sodium levels in foods, as well as stating this guideline in more positive terms.

* "If You Drink Alcoholic Beverages, Do So in Moderation," remains the same.

If you would like to have a copy of the new "Dietary Guidelines for Americans" contact your local County Extension Home Economist.

Farm Women Societies

York Society 21

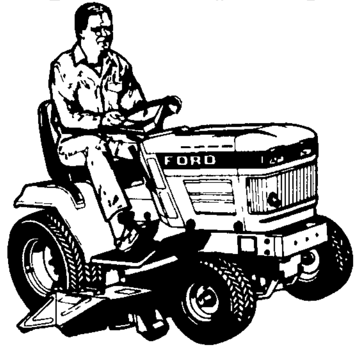
York County Society of Farm Women Group 21 held their Christmas party at the home of Nedia Graybeal, president of the group. A covered dish supper was served to members and guests. Hazel Lightly, York Farm Women president, and Mary Hoffman, past president, were guests.

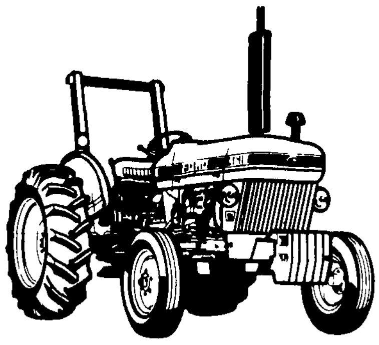
Two new members were inducted into the group. They were Jayne Lorah and Linda Fields. Secret pal gifts were exchanged.

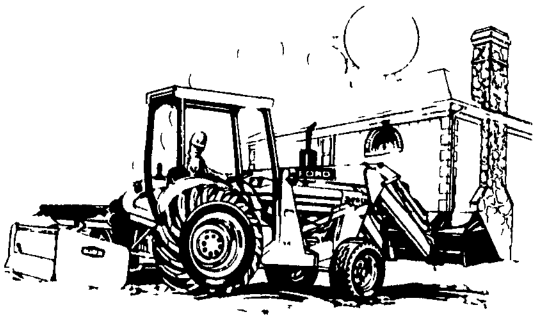
Group members sold Benson fruit cakes for a fund-raising project. The next meeting is scheduled for January 23, 1:30 p.m. at the home of Kaye Pomraning. A report will be given on the Farm Women's convention. A program on safety will be presented.

THE ENTIRE FORD TRACTOR LINE IS BETTER THAN EVER

Come To Lancaster Ford Tractor And See For Yourself


FORD for LAWN & GARDEN

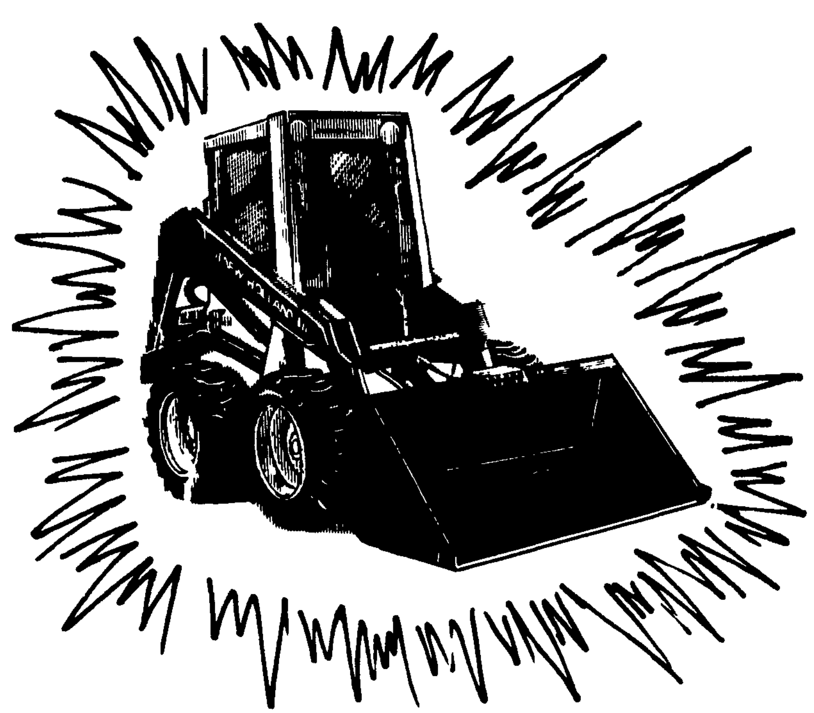

FORD for FARMING


FORD for LANDSCAPING

FORD for INDUSTRIAL

FORD NEW HOLLAND PROGRAMS

FARM
0.0% For 12 Mos.
7.4% For 24 Mos.
9.4% For 36 Mos.
10.4% For 48 Mos.
11.4% For 60 Mos.
— or —
WAIVER OF FINANCE CHARGES ON SOME MODELS TILL JUNE 1, 1991



PAY CASH AND TAKE ADVANTAGE OF BIG CASH REBATES

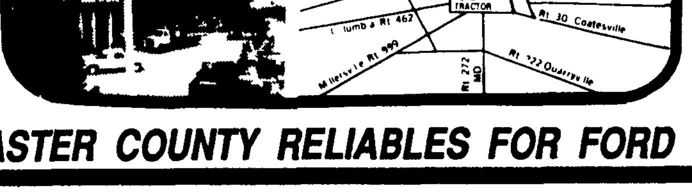
INDUSTRIAL
0.0% For 12 Mos.
7.4% For 24 Mos.
9.4% For 36 Mos.
10.4% For 48 Mos.
11.4% For 60 Mos.
— or —
WAIVER OF FINANCE CHARGES ON SOME MODELS TILL JUNE 1, 1991

LAWN & GARDEN
0.0% For 12 Mos.
7.4% For 24 Mos.
9.4% For 36 Mos.
10.4% For 48 Mos.*
* LGT Diesel Only
Or Waive Payments
To 5/1/91

Financing With Ford Credit To Qualified Buyers

Plan To Visit Allen, Larry, Craig Or Denny At The Ford New Holland Booth At The PA FARM SHOW

FORD NEW HOLLAND



LANCASTER FORD TRACTOR, INC.
1655 Rohrerstown Road, Lancaster, PA
Flory Mill Exit off Rt. 283
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YOUR LANCASTER COUNTY RELIABLES FOR FORD TRACTORS & NEW HOLLAND INDUSTRIAL EQUIP.

Frantz Family Prepares For Farm Show Competition

Looking over 4-H hog project books are, from left, Kim, Karen, Tom and Jason Frantz.

JOYCE BUPP
York Co. Correspondent

SEVEN VALLEYS (York Co.) — Isabel, Jezebel, and Rose won't be attending the 1990 Pennsylvania Farm Show. But some of their distant offspring probably will.

The trio of Duroc gilts - Isabel, Jezebel and Rose - were born to a gilt made famous a few years ago at the Farm Show's annual hog breeding sale. Her purchase hit the headlines and helped put a York County family into the hog breeding business.

Tom and Karen Frantz, Seven Valleys R2, grew up in York County's 4-H programs. Karen raised project beef on her McCleary family's farm near Stewartstown. Tom's hogs were tended on his family's Stoverstown farm; the year that he decided to raise a steer for show, the farm - and the steer - were sold before the project was complete.

With farming in both their backgrounds, the Frantzes agreed they wanted to raise their children in an agriculture environment. In 1980, they purchased their 15-acre farm on Larue Road.

Rather than leave the barn on the property stand empty, Tom bought a few feeder pigs to raise. When the hogs were fattened, relatives gathered between Christmas and New Year for the first of what became a regular event for several years - an old-fashioned butchering.

Raising hogs soon became more than just something to do with a few empty pens and acres of corn.

"I saw what 4-H could do for youngsters," says Frantz. So, five market feeders were purchased for daughter Kim's first year in the swine club.

The one Hampshire and four red hogs were acquired from Dave Holloway, Glen Rock, who's earned recognition nationally as a Duroc breeder. Frantzes first contacted Holloway because they saw his name in the newspaper, with a local phone number. Kim's show ring success with those first pigs sent them back to Holloway as return customers the next two years.

"Then we were getting interested enough that we wanted to start farrowing some of our own litters," Tom recalls.

A Duroc gilt of Holloway's took reserve champion at the 1988 Farm Show. Frantz wanted to bid on the hog in the sale, but had to work kthat day. His employer, the York-based Crabtree Rohrbaugh & Associates architectural firm, has a Harrisburg office, so Frantz asked his boss, Doug Rohrbaugh, to stop by the sale and bid on the gilt.

When the bidding ended, Crabtree Rohrbaugh & Associates owned a record-priced $1,600 Duroc gilt. They donated a part of the cost toward 4-H foundation stock for Kim and her younger brother Jason.

A few weeks later, the gilt farrowed. Near-panic hit the Frantz family when the first piglet was born dead. But the next 13 were alive and healthy; the gilt raised nearly every one, proving her mothering abilities.

Frantzes opted to keep from that litter a barrow and four gilts - including Isabel, Jezebel and Rose. Littermates went to other buyers, among them one from Eastern Shore who had expressed interest the day the gilt had sold at Farm Show. That purchase later took a grand championship during showing in Somerset County, Maryland.

The four gilts kept by the Frantz family were all bred, and the one they felt was second best of the lot was entered the following year at the Farm Show. She took champion honors and was sold, leaving Frantzes with their trio of high-potential littermates.

"Those three gilts were our start," says Frantz. "All their offspring look pretty much the same."

Last year's Farm Show added another interesting chapter to the family's collection of hog tales.

A reserve champion Hampshire gilt bred by Ken Winebarn, Myerstown, caught Tom's eye. With no real expectation of buying her, he made a couple of bids during the champion's sale, ultimately writing a $700 check for the unplanned purchase. But just about the time he and Kim loaded her up for the 50-mile trailer trip home, a snow storm moved in across York County, in typical "Farm Show weather" fashion.

Five hours later, having crept through one of the winter's worst local traffic tie-ups, then barely reaching a service station with their nearly-empty gas tank, Tom finally hauled the rig through the snow up their driveway with the tractor. They were afraid to check the gilt.

"I was almost sure she'd be dead, or that the exhaust fumes from hours of waiting would have caused a problem," Tom remembers. "She was fine."

Actually, the gilt was probably the least stressed. Karen's car had slid into a ditch on her way home from her job at AMP, Inc., and she had repeatedly called the Farm Show trying to locate Tom and Kim.

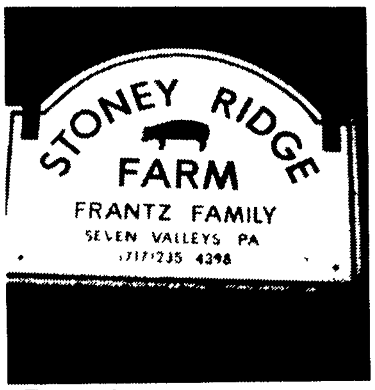
None the worse for the lengthy trailer ride, the gilt farrowed February 10 and raised 10 healthy piglets.

The Frantzes credit some good fortune and the assistance of friend Dave Holloway with much of their success in the hog breeding business. When they first started farrowing on their own, Holloway was quick to lend a hand as needed.

Now veterans who take turns getting up during the night to check on close gilts and sows, they've also learned that they can save valuable baby pigs by keeping close tabs on farrowing mothers. One crossbred sow which farrowed ahead of schedule last winter on a cold night came close to losing her entire litter of 17. As it was, a barn check alerted the Frantzes to her problem and they saved most of the newborns.

"We could just as easily lost them all," Tom says of the family's commitment to regular barn visits - even late on frosty winter nights.

"If they can do it themselves, we let them. But, we like to stay with them; it might help save a few more, especially with gilts," says Kim, a 17-year-old Dallastown High School junior who takes her turn with the overnight maternity watches. "Sometimes we have to help open the sac or help to get them breathing."



Frantz family's farm sign.

"And, if we don't, and there are problems, then you always wonder if we could have done this or that to help," adds Karen, who says she vowed as a teen-ager never to marry a farmer - especially a hog farmer.

After a dozen litters born last winter, their hog population numbered well beyond their breeding needs. An equipment sale was already planned after switching to custom planting, then expanded to include the sale of 40 market pigs for 4-H and FFA projects. Top pig brought $199, with buyers both local and as distant as Wayne and Centre counties.

Most of the pigs did very well for their buyers and customers have been asking about this year's sale, planned tentatively for late April. Some 16 farrowings over the next few months should provide the 50 to 60 young pigs expected to sell.

A few pigs are always kept to finish out and, of course, Kim and Jason select their project animals for the year's shows and sales. Each will show a market hog at Farm Show, and the family has two gilts entered. In addition to Farm Show, their annual exhibit schedule includes county roundups, York Fair, and KILE. This past summer they added a trip to the Indiana State Fair, doing well with their Hamp entries at the nation's major Hampshire hog competition.

Early darkness and school schedules limit the time Kim and Jason have to work with their Farm Show animals. Though they do exercise their market pigs somewhat for muscle development, Kim believes that overworking project pigs makes them so tame they are difficult to handle in the showring. This year she has added an Angus-Simmental steer and Angus heifer to her livestock projects.

Kim's involvement with 4-H goes will beyond just raising and showing her animals. She is a member of the York County Pork Bowl team, which won the state contest held last year at the Pennsylvania Pork Producers Congress. Kim is also part of the county's 4-H meats judging team, which recently represented Pennsylvania, placing fourth, at national competition in Kansas City.

Jason, 12, is in seventh grade at Dallastown Middle School. He credits 4-H with having helped him make lots of new friends, and like Kim, has won a share of hog exhibit honors.

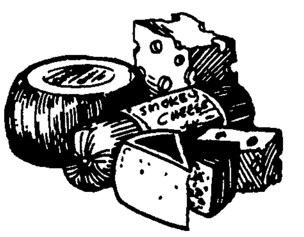
The Frantz family's enthusiasm for the swine business is evident in the stories they relate of the various pig "personalities" they have bred and raised. A favorite, Elsie, just recently left the herd, leaving fond memories of a "super pig" pet. A spunky crossbred, Elsie earned the family's amusement and admiration when she learned to put herself in the same pen with the boar - and latch the gate behind her. The cats also enjoyed Elsie, and often crawled into her pen to sleep with her. Passing drivers stopped to watch as Elsie trotted through the fields behind the manure spreader when her pen was being cleaned.

"It is never boring; something interesting is always happening,' Tom Frantz figures. "We do this because we have the desire, not because there's any great financial returns. It's just something we enjoy."

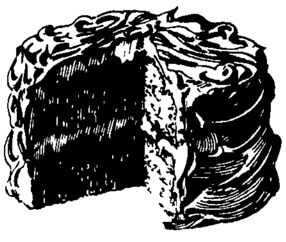
Herd sire Bruno, a family favorite, eyes a passing scoop of feed from behind the pen gate.

Homestead Notes

Regular companions for Kim and Jason as they do chores are dog Sparky and their friendly barn cats.



Home On The Range



Menu Planning? Lean On Beef

Today's beef is lower in calories than ever before. This is a result of new breeding and feeding techniques, combined with closer trimming at the meat case. That's good for everyone who enjoys eating, but wants to eat right.

Beef offers a great tasting package of nutrients for its relatively low calorie cost. The ease of preparing beef makes it ideal for feeding today's active families.

There are numerous ways to prepare beef. Try these, and see if you don't agree — Lean on beef for menu favorites.

VEGETABLE SOUP

1 quart potatoes
1 quart carrots
1 quart peas
1 quart navy beans
6 or 7 quarts tomato juice
1 quart celery
1 quart onion
1 pint spaghetti
2 tablespoons chili powder
2 pounds ground beef
½ cup sugar
Salt to taste

Brown hamburger and onions. Add seasonings and vegetables and cook until soft. Makes 12 quarts.

Anna Joyce Martin
East Earl

BEEF BURGUNDY

Put in a deep, heavy pan
¼ pound salt pork or suet, diced
12 small white onions

Cook and stir until the onions are brown. Remove the onions and set aside.

Add 2 pounds round steak, in 2-inch cubes

Brown well. Sprinkle with:
2 tablespoons flour
Salt and pepper
Marjoram
Thyme

Stir and add:
1 cup red wine
1 cup bouillon or water

Cover and cook over lowest possible heat for 4 to 5 hours or in a casserole or bean pot in a 250 degree oven. Add the onions and the following:
12 small potatoes
½ pound sliced mushrooms
1 cup diced carrots, optional

Cook until the vegetables are tender, about 45 minutes. Season to taste. Serves 6.

Shirley Grove
Cheyney

MANICOTTI

Batter dough:
3 eggs
1 cup water
1 cup flour
Dash salt and pepper

Beat together all ingredients to make a smooth batter. Pour batter into a heated non-stick frying pan until it resembles a large pancake. Do not turn. Remove and layer wax paper between each manicotti. Makes 25 doughs.

Cheese-Meat Filling:

Mix all ingredients together. Place about 1 tablespoon in center of dough and roll from both sides. Line manicotti in a baking dish. Top with your favorite spaghetti sauce. Cover baking dish. Bake at 350 degrees for 30 to 45 minutes.

Terry Hill
Lebanon Co. Dairy Princess

PITA BURGERS WITH CUCUMBER-YOGURT SAUCE

1 pound ground beef
⅓ cup chopped unpeeled cucumber
½ cup plain lowfat yogurt
2 teaspoons pepper-herb mix, divided*
2 pita pocket breads, halved
1 medium tomato, cut into 8 thin slices

Combine cucumber, yogurt, ½ teaspoon herb mix and ¼ teaspoon salt in a small bowl; set aside. Divide ground beef into 4 equal portions; shape into patties 4-inches in diameter. Sprinkle remaining 1½ teaspoons herb mix over both sides of patties. Meanwhile heat 12-inch nonstick frying pan over medium heat 5 minutes. Panbroil patties 6 to 8 minutes, turning once. Season with salt, if desired. Meanwhile heat pita halves in toaster until lightly toasted. To serve, place a beef patty in each pita half; add 2 tomato slices. Add sauce as desired. Serves 4.

*Pepper-Herb Mix
2 tablespoons dried basil leaves
1 tablespoon lemon-pepper
1 tablespoon onion powder
1 tablespoon dried savory leaves
1½ teaspoons rubbed sage

Combine all ingredients. Store, covered, in airtight container. Shake before using to blend. Yield: about ⅓ cup.

Pa. Beef Council

A contemporary steak and potatoes dinner takes advantage of cooking steaks from the frozen state, a quick and easy mealtime solution.

STEAK WITH CHEESY MICROWAVE POLENTA

1 pound boneless beef top sirloin steak, cut 1-inch thick
Cheesy Microwave polenta*
1 teaspoon Italian seasoning
1 clove garlic, minced
½ teaspoon salt
¼ teaspoon coarse ground black pepper

Prepare cheesey microwave polenta. Meanwhile combine Italian seasoning, garlic, salt and pepper; sprinkle evenly over both sides of beef top sirloin steak. Place steak on rack in broiler pan so surface of meat is 3 to 4 inches from heat. Broil 14 to 16 minutes to desired doneness (rare to medium), turning once. Carve into thin slices and serve with Cheesy Microwave Polenta. Serves 4.

*Cheesy Microwave Polenta
1⅓ cups water
⅓ cup yellow cornmeal
½ teaspoon salt
½ cup shredded mozzarella cheese, divided
2 tablespoons grated Parmesan cheese
1 cup prepared spaghetti sauce

Combine water, cornmeal, and salt in 1-quart microwave-safe casserole. Microwave, covered, at High 6 to 8 minutes, stirring every 2 minutes. (Mixture will be thick). Stir in 2 tablespoons each mozzarella cheese and parmesan cheese. Sprinkle with remaining mozzarella cheese. Microwave, uncovered, at medium or 50 percent power 2 to 3 minutes or until cheese melts. Let stand covered 5 minutes. Meanwhile, microwave spaghetti sauce in 2-cup microwave-safe container, covered, at high 2 minutes or until heated through. Serve over polenta. Serves 4.

Pa. Beef Council

BEEF STIR-FRY

1 pound top round, closely trimmed of fat, sliced thin
2 tablespoons soy sauce
1 to 2 tablespoons fresh grated ginger, optional
2 cloves garlic, minced
1 tablespoon vegetable oil
1 large onion, chopped
6 scallions, sliced lengthwise into 4-inch pieces
2 carrots, sliced thin
1 cup celery, sliced
2 cups snow peas
1 sweet red pepper, sliced
1 cup sliced mushrooms
1 tablespoon cornstarch
¼ cup cold water
Pepper to taste

Marinade: Combine meat with soy sauce, ginger and garlic in a bowl or plastic container. Cover with plastic wrap and marinate in the refrigerator for 1 hour.

In a wok or heavy, large nonstick skillet, heat oil over medium heat. Add onion and scallions, saute until onion is translucent. while onion is sauteing, remove meat from marinade and set aside. Add marinade, carrots, celery, snow peas, and red pepper to wok. Stir approximately 4 minutes until vegetables begin to soften. Add mushrooms; stir. Push vegetables up the sides of the wok. Increase heat to medium-high. Add sliced meat and stir until meat is browned on all sides (be careful not to overcook). Reduce heat to medium-low and push meat up the sides of the wok. Combine cornstarch and water. Add cornstarch mixture to the sauce; mix until the sauce begins to thicken. Combine all ingredients, add pepper to taste; and stir until hot. Makes six 1½ cups servings.

(Turn to Page B8)

Featured Recipe

Quick, effortless cooking is the goal for most cooks during the workweek. They want to get dinner on the table in a hurry, with as little fuss as possible.

To help, the Meat Board Test Kitchens and Beef Industry Council has released a recipe booklet. The streamlined recipes and tips are designed especially for time-pressured cooks who want to create great-tasting, well-balanced meals with fresh, readily available ingredients in just 30 minutes or less.

For your free copy, send a self-addressed, stamped envelope to the Pennsylvania Beef Council, Inc., 4714 Orchard St., Harrisburg, PA 17109.

In the meantime, enjoy this recipe that appears in the booklet.

The sassy flavor of salsa is combined with beef and cheese to create this entree in less than 20 minutes, if you microcook the potatoes and cook the beef mixture on the range top.

BEEF AND SALSA TOPPED POTATOES

1 pound lean ground beef
2 large baking potatoes
½ cup chopped onion
1 cup prepared medium salsa
½ cup shredded Cheddar cheese
1 green onion, sliced

Scrub poatoes; pierce each with a fork in several places. Microwave at high for 8 to 10 minutes or until tender, rotating ¼ turn after 4 minutes. Let stand 5 minutes. Meanwhile, cook ground beef and onion in 10-inch nonstick frying pan over medium heat until browned, stirring occasionally. Pour off drippings. Add salsa, stirring to combine and continue cooking 3 to 4 minutes. Cut potatoes in half lengthwise; break up and fluff pulp with fork. Season with salt, if desired. Spoon an equal amount of beef mixture over each potato half. Top with equal amount of cheese and garnish with green onion. Serves 4.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

January
12- Warm Up With Soup
19- Pizza Week
26- One Dish Meals
February 2- Muffin Mania Week

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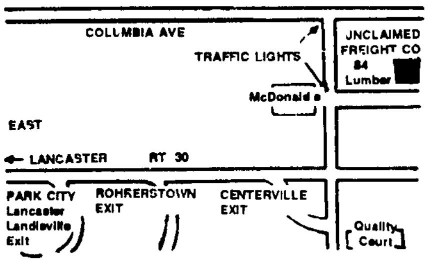

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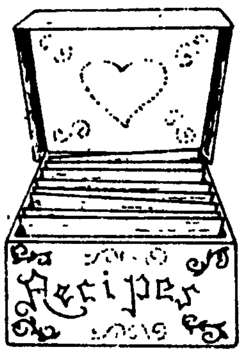

Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

Readers, when sending in recipes, please write your measurements as accurate as possible. We do not have the time and equipment to test your recipes. Sometimes, we receive many answers to one question, and we cannot print all the replies. Sometimes we receive answers after one has already been printed. Occasionally, we may print several answers, but that is dependent upon space. Those who send recipes to the recipe topics listed each week on B6 have their recipes printed if we receive them on time.

QUESTION — A Bird-in-Hand reader requested a recipe for broccoli soup to can. If we do not have an answer to this request within one week, we will drop the request.

QUESTION — Mrs. Ed Snyder, Manheim, asks for a recipe called Rebecca's Rolls. If we do not have an answer to this request within the next week, we will drop the request.

QUESTION — Tracy Moyer, Reading, would like to know how to make cotton candy.

QUESTION — Myah Tielman, Lehighton, would like a recipe for a round loaf of rye bread similar to that which had been sold by Fritzinger's Bakery, Walnutport, which is now out of business.

QUESTION — Dianne from Halifax requests a recipe for yogurt coating used on pretzels, peanuts, and raisins.

QUESTION — Lonnie Tuttle, Bainbridge, NY, would like recipes for cheese made from sheep's milk.

QUESTION — Betty from Pennsylvania would like a bologna recipe for venison that tastes like Seltzer's Lebanon Bologna.

QUESTION — Mary Gardner, Newburg, would like recipes for pasties, which is a combination of vegetables with a dough wrapped around it. In Minnesota and Michigan, restaurants serve them plain or with gravy.

QUESTION — Nancy Bennett, Port Matilda, would like a recipe for an all butter coffee cake that tastes like those made by Sarah Lee.

QUESTION — Raymond Stauffer, Stevens, wants recipes using licorice extract.

QUESTION — Donna Merkeel, Strykersville, N.Y., wants a recipe to make peanut butter and a recipe to make old-style rock candy on a string.

QUESTION — Marjorie Doland, Slate Hill, N.Y., would like to know where she can purchase pure buckwheat flour. She can no longer find it in her area. She said that her family used to make old-fashioned buckwheat pancakes that they started in the fall with yeast and kept going until spring.

QUESTION — Mrs. Lewis Korfron, Claymont, De., would like a recipe for cranberry relish like the Amish make.

QUESTION — Estella Fink of Allentown, Pa. would like some recipes for a fruit cake and a recipe on how to make spaghetti sauce to can.

QUESTION — Anne Van Allen said she lost her recipe for loaf cake, a firm cake made with vanilla wafer crumbs and nuts. She believes it is baked.

QUESTION — A Southeastern Pennsylvania reader would like a recipe for a homemade horseradish sauce.

ANSWER — For the reader who requested recipes for pretzels, here is one that was sent in from Wanda Martin, Lititz, and from a Denver reader.

Soft Pretzels

⅛ cup hot water
1 package active dry yeast
1⅓ cups warm water
⅓ cup brown sugar
5 cups flour
Extra flour
Coarse kosher salt
Baking soda

Heat the oven to 475 degrees. In a large bowl, mix the hot water and yeast until the yeast dissolves. Stir in the warm water and the brown sugar. Slowly add 5 cups of flour to the mixture, stirring constantly. Continue stirring until the mixture is smooth and does not stick to the sides of the bowl. Put the dough on a lightly floured board. Dip your hands in the extra flour. Knead the dough until it is stretchy and smooth. Push it down and away from you with the palms of your hands. Turn the dough as you work.

Grease two cookie sheets very well. Sprinkle each with coarse kosher salt. Set the sheets aside. Pinch off a piece of pretzel dough about the size of a golf ball. Shape the dough into a pretzel.

Fill a frying pan with water. For each cup of water in the pan, add 1 tablespoon of baking soda. Bring the water to a gentle boil (not too many bubbles). Use a spatula to lower each pretzel into the frying pan. Count very slowly to 30. Then lift the pretzel onto the greased and salted cookie sheet. Repeat until all dough is used.

Sprinkle some kosher salt on top of the pretzels and put them in the oven. Bake for 8 minutes or until the pretzels are golden.

For hard pretzels, turn oven to 100 degrees and bake until crisp.

ANSWER — Lebanon County Dairy Princess Terry Hill sent in the following recipe for Friendship Dough recipes.

Stollen

2½ cups flour
2 teaspoons baking powder
¾ cup sugar
½ cup cold butter
½ cup cottage cheese, whipped and then add enough cream to make one cup
1 egg
1 teaspoon vanilla
½ cup chopped nuts
½ cup raisins
¼ cup chopped, glazed pineapple
12 Maraschino cherries, drained and chopped
Topping and filling:
¼ cup butter, melted
2 tablespoons sugar
¼ teaspoon cinnamon

Combine flour and baking powder. Cut in butter. Blend cottage cheese and cream, extract, and cream. Mix all ingredients together and turn onto floured board. Knead and roll into 9x12 oval. Put half of topping and filling mixture on half of the dough and fold over. Put remaining topping and filling over over top of dough. Bake at 350 degrees on ungreased cookie sheet, about 45 to 55 minutes or until cake tests done and is browned. Cover when slightly warm.

ANSWER — Mrs. Warren Pifer, Reynoldsville, requested the recipe for Russian Torte that a reader from Canonsburg had sent to this column. Thanks to V. Guzel from Canonsburg for sending the recipe.

Russian Torte

4 cups ground nuts
1 cup sugar
2 teaspoons cinnamon

Combine nuts, sugar, and cinnamon. Mix well. Measure ½ cup and set aside for topping.

3 sticks butter or margarine
4 egg yolks
4 cups sifted flour
¼ cup milk
¼ cup warm water
1 package dry yeast
2 cans apricot filling
Topping:
2 egg whites
8 tablespoons sugar

Combine yeast with water and set aside. Sift flour into a bowl, add butter and blend until mealy texture; add slightly beaten egg yolks, milk, and yeast mixture. Blend and stir batter until it pulls away from sides of bowl. Place on floured board and knead for a few minutes. Divide dough into 3 sections. Roll first section of dough to measure 15x10-inches, which should be the size of the pan.

Lightly grease pan and place first layer of dough on it. Work edges up side of pan to form a wall for lining. Spread nut mixture evenly over the dough. Roll second part of dough the same measurement and place over nuts. Spread apricot filling over the dough. Bake in 350 degree oven for 45 minutes. Ten minutes before baking time is completed, beat egg whites and sugar until stiff.

Check torte. If it is finished baking, remove from oven and evenly spread egg whites over hot torte. Sprinkle the remaining ½ cup nuts over egg whites and return to oven for 10 minutes. When baked to a toasty color, remove from oven and while still warm, cut into diamond shaped pieces.

Beef

(Continued from Page B6)

SOUTHWESTERN-STYLE POACHED BEEF

2-pound well-trimmed beef eye round roast
1½ teaspoons chili powder
1 teaspoon ground cumin
½ teaspoon garlic powder
½ teaspoon dried oregano
½ teaspoon salt
2 tablespoons vegetable oil
1¾ cups medium salsa, divided
1 can (10½ ounces) condensed beef broth
Water
1 bay leaf

Combine chili powder, cumin, garlic powder, oregano, and salt. Rub over surface of beef eye round roast. Brown roast in oil in Dutch oven over medium heat until all sides are browned. Pour off drippings. Add 1½ cups salsa, beef broth, enough water (about 7 cups) just to cover roast and bay leaf to Dutch oven. Bring to a boil; reduce heat to medium-low, cover and gently simmer 15 minutes per pound. Temperatures will register 130 degrees. Do not overcook. Remove roast to serving platter. Reserve poaching liquid for soup. Cover tightly with plastic wrap or aluminum foil and allow to stand 10 minutes before carving. During standing roast will rise approximately 10 degrees in temperature to 140 degrees for rare. Carve roast into thin slices and serve with remaining salsa.

Pa. Beef Council

BROILED STEAK WITH SPICY POTATOES

1-pound frozen boneless beef top sirloin steak, cut 1-inch thick
Spicy Seasoning mix*
2 large baking potatoes, unpared, cut into ½ -inch thick diagonal slices
1 tablespoon oil
Salt and pepper

Prepare spicy seasoning mix. Place frozen beef top sirloin steak on one side of rack in broiler pan so surface of steak is 5-inches from heat; arrange potatoes on the other side. Combine oil and 1 teaspoon spicy seasoning mix; brush potatoes with half of the mixture. Broil first side of steak and potatoes 14 minutes; turn steak and potatoes. Brush potatoes with remaining seasoned oil. Continue broiling steak 13 to 18 minutes until steak is rare to medium. Continue broiling potatoes 8 to 10 minutes or until potatoes are tender. Season steak with salt and pepper. Sprinkle potatoes with salt, if desired. Serves 4.

*Spicy seasoning mix: Combine 3 tablespoons chili powder, 2 teaspoons each ground coriander and cumin, 1½ teaspoons garlic powder, ¾ teaspoon dried oregano leaves, ½ teaspoon ground red pepper. Store, covered, in airtight container. Shake before using. Yield about ⅓ cup.

Pa. Beef Council

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Today's
Lean·Look

MICROWAVE MINUTES

By JOYCE BATTCHER

It's always fun to look back on favorite recipes. Here are two of mine, both from my "A Batch of Ideas" newsletter. Both came from readers.

The first, Judy's Spinach Pie, uses the microwave to start cooking the eggs, and then the whole pie finishes baking in a conventional oven or toaster oven. This is a good way to speed cooking of other quiches and also dessert pies such as pumpkin, custard and pecan. Conventional baking time is cut from 50 to 60 minutes to about 30 or 40.

Judy's Spinach Pie also uses the microwave as a helper in two other ways. Micro-thawing the spinach can be done quickly on High power. Remember to remove the spinach to a dish if it is in a foil package. A quick microcook of the chopped onion tenderizes it and mellows its flavor. Both of these microwaving steps are also good to use in other recipes for speed and convenience.

The second recipe, Sue's Best Ever Whole-Wheat Pancakes, is one that a reader asked me to adapt to the microwave. She wrote that these were "the most delicious and easy-to-make pancakes ever."

At first glance, I thought this recipe wouldn't adapt well, but I was fooled. I tried it conventionally and tried it in the microwave. Because of the dark-colored ingredients and the texture of wheat germ and whole-wheat flour, the microwave version is very close in color and texture. As with most microwave recipes in relation to the conventional version, this recipe is close in flavor to the baked version.

I decreased the amount of baking powder slightly because the first time I tried this recipe there was a slightly soapy aftertaste. Dividing the batter into three lightly oiled nine-inch pie plates cooks the batter evenly and keeps it about the same height as the oven-baked ones.

If serving a family with hearty appetites or more than six, it's more convenient to bake this in the conventional oven, so I've included the directions. But, if you are cooking for four or less, the microwave method — either pancake or muffin form — is fast, easy and cool. Keep leftover batter tightly covered in refrigerator for about one week.

Judy's Spinach Pie

1 package (10 ounces) frozen chopped spinach, well drained
2 cups (8 ounces) shredded Cheddar cheese
1 (9-inch) pie crust, unbaked
2 tablespoons chopped onion
1 tablespoon oil
6 eggs
½ teaspoon dried thyme leaves
¼ teaspoon black pepper
1 can (12 ounces) evaporated skimmed milk

Place spinach, still in box, in microwave (or if in foil package, remove from box to microwavable dish). Microwave (High) 3 to 4 minutes or until spinach is thawed. Drain and squeeze out excess moisture.

Sprinkle cheese in pie crust; set aside. Place onion and oil in microwavable small bowl; microwave (High) 30 to 45 seconds or until tender. Sprinkle onions evenly on top of cheese. Arrange spinach evenly over cheese; set aside. Mix eggs, thyme and pepper together in a microwavable 1-quart measure or bowl; mix in milk. Microwave on Medium (50 percent power, 325-350 watts) for 4 minutes. Stir; microwave (Medium) 3 to 4 more minutes. When eggs begin to cook, stir well and pour them over ingredients in pie crust. Bake in toaster oven or conventional oven at 350° F 30 to 40 minutes, or until knife comes out clean when inserted in center of pie. Let stand 5 to 10 minutes. Serve warm or at room temperature. Makes 6 to 8 main-dish servings.

Each serving — ⅛ of pie: 337 calories, 14g protein, 23g fat, 16g carbohydrate, 493mg sodium, 209mg cholesterol.

Sue's Best Ever Whole-Wheat Pancakes

1 cup All-Bran cereal
¼ cup wheat germ
½ teaspoon soda
½ cup hot water
¼ cup cooking oil
¼ cup honey
1 egg, beaten
1 cup buttermilk
1 cup whole-wheat flour
1¼ teaspoons baking powder

Stir together cereal, wheat germ and soda; stir in hot water, oil and honey. Let stand about 3 minutes to soften cereal. Stir in egg and buttermilk until smooth; gradually stir in whole-wheat flour and baking powder; mix until well blended. Lightly oil microwavable 9-inch pie plate or round cake dish. Pour in 1 cup plus 1 scant tablespoon batter. Cover with wax paper. Microwave on Medium (50 percent power, 325-350 watts) 2½ to 3 minutes, rotating dish once after 1½ minutes, until top is no longer doughy. Let stand, covered, 2 to 3 minutes. Cut in wedges. Serve hot with syrup, your favorite pancake topping or peanut butter. Repeat with remaining batter. Makes 3 large pancakes or 12 servings.

To make and keep: Cover and refrigerate batter to prepare one pie plate full (about 4 servings) when needed. If possible, remove batter from refrigerator about 15 minutes ahead. Otherwise, add another 1 to 1⅓ minutes of microwaving. Batter keeps about 1 week in refrigerator.

Muffins: Fill microwave muffin cups or small custard cups half full. For 6 muffins, microwave (High) 1½ to 2 minutes, or until no longer doughy on top. Serve warm as muffins or with syrup. Makes about 18 muffins.

Conventional: Preheat oven to 425° F. Prepare batter as above, except use 1½ teaspoons baking powder. Pour batter into greased 10x15-inch jelly roll pan. Bake 8 to 10 minutes or until firm. Cut pancakes to desired size. Serve with your favorite topping.

Hint: Extra wedges of pancakes freeze well. To reheat in your microwave, wrap still-frozen wedges in paper and microwave on Medium, allowing 45 to 60 seconds for two wedges.

Each serving — 1/12 of recipe: 131 calories, 4g protein, 6g fat, 18g carbohydrate, 112mg sodium, 21mg cholesterol.

Questions for Joyce?

Do you have a question about microwave cooking? Send it to Microwave Minutes, % Extra Newspaper Features, P.O. Box 6118, Rochester, Minn. 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different wattage output, timings may need slight adjustment.

Joyce Battcher is an independent home economist microwave specialist. She is author of "Microwave Family Favorites" and editor of "A Batch of Ideas" newsletter.

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Plants Brighten Winter Months

NEWARK, DE. — With good care and nurturing, your holiday plants — including cyclamen, Christmas and Thanksgiving cactus and Kalanchoe — can continue to give you pleasure through the winter months, according to Dave Tatnall, assistant Cooperative Extension horticulture agent at the University of Delaware.

"Cyclamen, a blooming plant with bright flowers, is long-lasting," says Tatnall. "But it requires very specific care."

Since this plant does not tolerate temperatures much above 65-degrees Fahrenheit, keep the plant in the coolest part of the house. Take care to keep the soil moist without overwatering and do not allow the pot to sit in water trapped in the saucer, the agent warns. Cyclamen needs plenty of sun and liquid fertilizer once a month. As each blossom fades, remove the flower and stem.

"You may find it hard to rebloom a cyclamen," Tatnall says, "so enjoy the flowers and foliage while they last, and in the spring replace it with a warm-weather plant."

Another holiday plant that has attractive foilage and will continue to grow even after it has stopped blooming is kalanchoe. The blooms last for 10 to 12 weeks.

"Kalanchoes normally bloom in January, but they can be forced into flower any time of year just by controlling their hours of exposure to light," Tatnall explains. "This colorful flowering plant with its thick fleshy leaves should be treated like a succulent."

Do not overwater or overfeed a kalanchoe. Remove the bloom and stem when it fades. If the plant becomes too large, either repot it or cut the plant back to its original size and watch it grow again.

"With care you can enjoy your Christmas cactus and Thanksgiving cactus for many years," says Tatnall.

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Kid's Korner

Boy Finds Good And Bad In Steer Showing

LINDA WILLIAMS
Bedford Co. Correspondent

ALUM BANK (Bedford Co.) — Nathan Claycomb just turned 12. He already has a substantial savings account towards his college education.

Nathan earned $19,000 this past year with his 4-H cross-bred steer, Boss. Nathan and Boss won top prizes at Fayette, Bedford, Kingwood, West Virginia, Keystone, and Eastern National competition.

Part of the prize money was put in the bank and some will be used to purchase a steer for Nathan's 1992 4-H project which could cost $5,000.

Nathan plans to begin the year by showing Chief at the Pennsylvania State Farm Show.

Raising prize-winning 4-H projects takes a lot of work on Nathan's part. He is expected to spend at least four hours a day feeding, bathing, combing, and walking his steer.

He helps with other barn chores in order to earn his share of animal feed that is grown on the Claycomb farm. Nathan has to be very careful that his steers maintain an acceptable weight gain.

If it's hot, he has to be concerned that his steers are cool; if it's cold, it is up to him to see that there is bedding to keep them warm.

His dad, Jeff Claycomb, and his grandfather, Jim, as well as his Uncle Jeff and Great-Grandfather Stanley Claycomb help Nathan with his project. The Claycombs all live on a 750-acre farm.

When the Claycomb purchase a new 4-H project, Nathan will do the picking. Then, the older Claycombs will collaborate to see if they agree with his decision. His grandfather says they usually do agree.

Nathan finds that the work is not the most difficult part about raising a steer. "The hard part is parting with him," he says.

A sixth grade student at Chestnut Ridge Middle School, Nathan sums it up by saying, "It would be nice if you could just store them someplace and get them out for next year's show."

But, it doesn't happen that way and Nathan knows it. He realizes that Charlotte's Web was only a country fairytale and that there will be no magical spiders to weave, "Some Steer," over Chief's head.

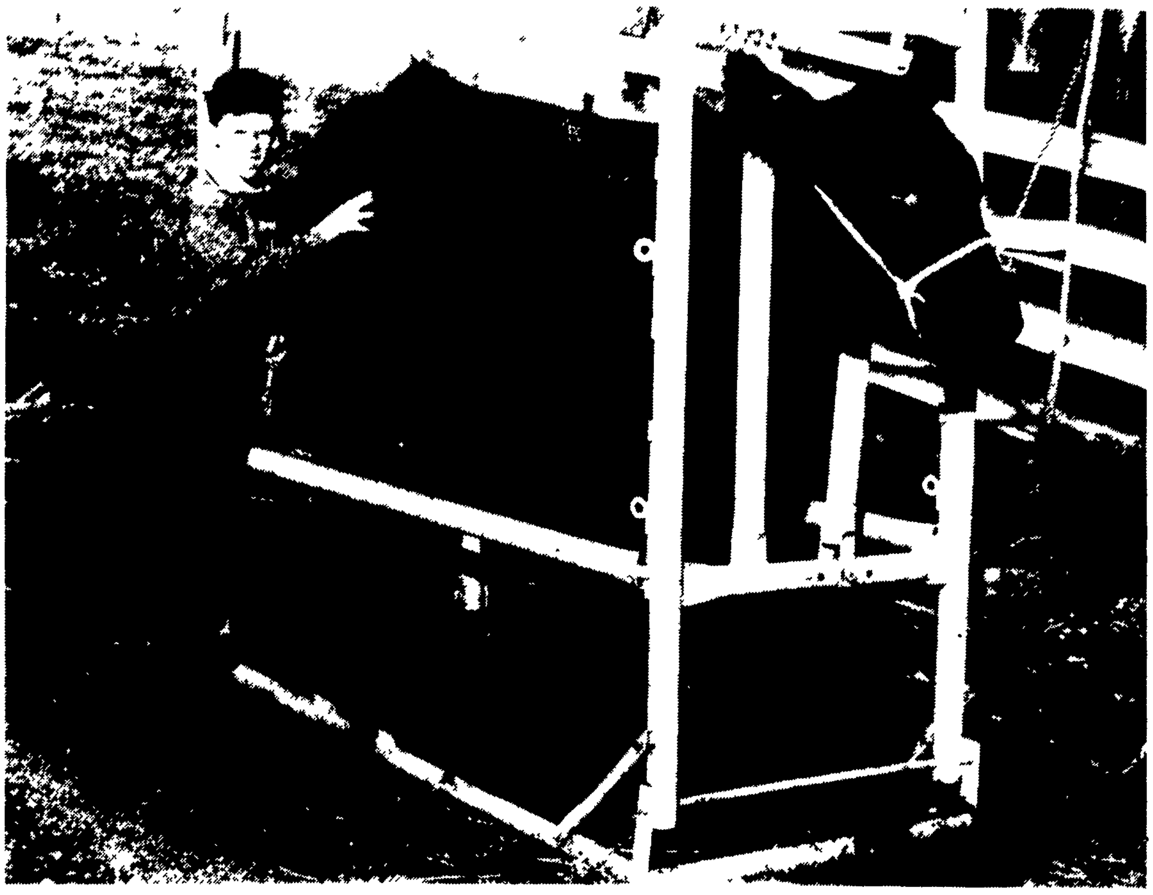
"It's just the hardest part of it all," Nathan says sadly.

Prior to the prize-winning streak experienced by Nathan this year, he won several fitting and showing trophies. Experience in these fields helped in the 1990 big wins.

"The judges always gave Nathan a lot of credit for remaining calm even when a top prize was at stake," his grandfather comments.

He doesn't get excited if he wins and he takes it very well if he loses. He's a good sport.

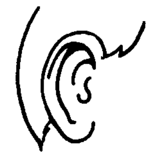
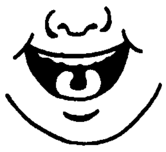
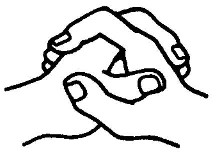
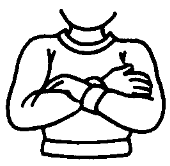
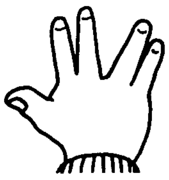
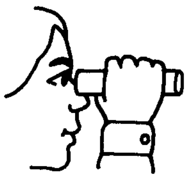
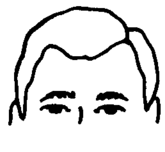
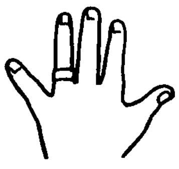
After the farm show, Nathan will spend the remaining months of winter getting ready for a lot of showings. Already, he has plans to show his steer in competitions every weekend throughout the summer.



Nathan Claycomb won $19,000 for his 4-H cross-bred steer, Boss.

According to Nathan, the hard part about raising steers is not the work but selling the steer after becoming friends with it.

Traits That Are Inherited

	You	Mother	Father	Other
 **Ear Lobes** Ear lobes can be attached at a point above the bottom of the ear lobe or attached at a point below the bottom of the ear lobe Write 'above or "below" in the space provided				
 **Tongue Rolling** By rolling the sides of the tongue up and in, some people can roll the tongue into a cylinder Others can't do this Write "yes" for a tongue roller, "no" if unable to roll tongue				
 **Right-or left-thumbed** When interlocking the fingers of both hands some will place the left thumb over the right thumb, others will have the right over the left Fold your hands with the opposite thumb on top How does it feel? Write "left" if the left thumb is on top, "right" if the right thumb is on top				
 **Folding arms** Some people will fold the right arm over the left and some will fold left over right Fold your arms in the opposite way Is this difficult to do? Write left' if the left arm is on top right if the right arm is on top				
 **Spreading Fingers** Some people will be able to spread fingers of either hand in a V shape – two fingers on one side and two on the other side Write yes if fingers are spread no' if this can t be done				
 **Dominant eye** Roll up a sheet of paper to make a tube 2' in diameter Look through it focusing on an object across the room Close first one eye then the other Which is the dominant eye? How can you tell? Write 'left" if the left eye is dominant, 'right' if the right eye is dominant				
 **Widow's peak** The shape of the hairline across the forehead varies from person to person some have a dip or point in the hairline in the middle of the forehead called a widow s peak Write yes' if there is a widow s peak Write no' if there is none				
 **Finger length** Place the first three fingers of your hand on a table Note the length of the index finger and the ring finger Index fingers vary in length some are shorter than the ring finger and others are longer than the ring finger Write "longer" if the index finger is longer "shorter" if it is shorter				

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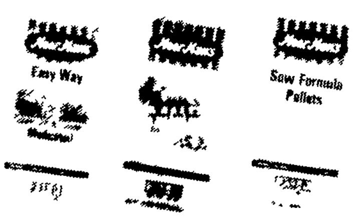
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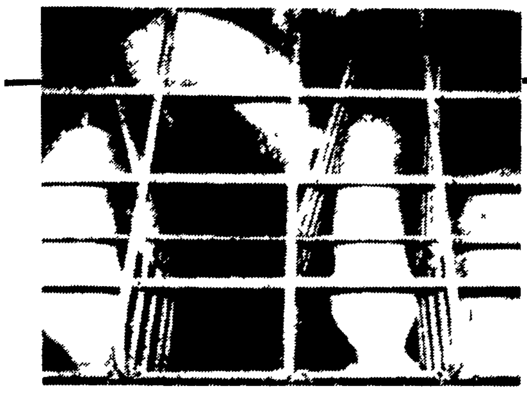
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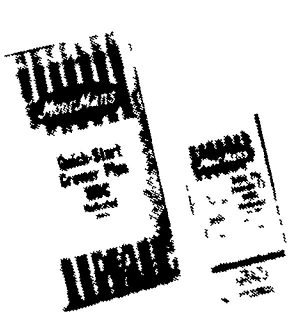
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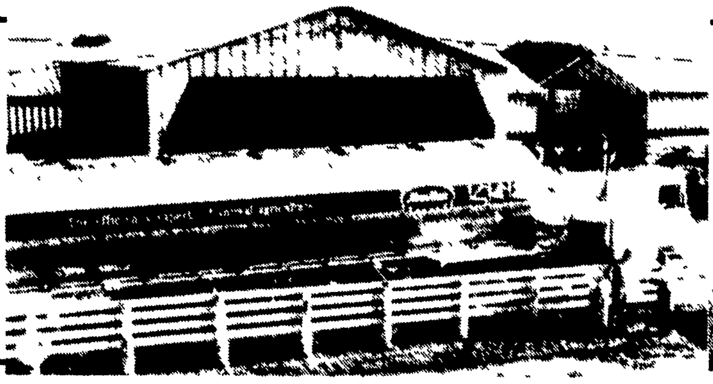

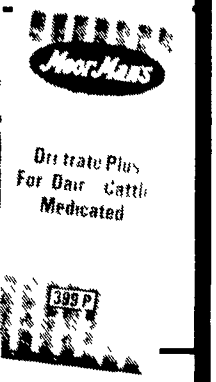
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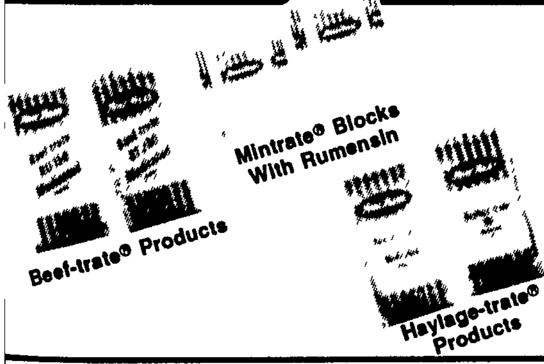
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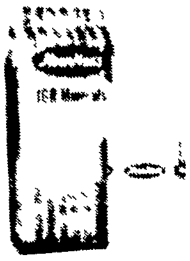

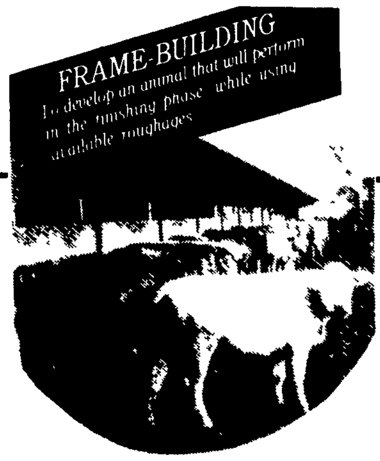
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On being a farm wife - And other hazards

Joyce Bupp

Silence. Rare, perfect stillness.

In the murky half-light of dawn, the quiet was absolute. Unfamiliar. Almost eerie. Without so much as a glance through a window, the awakening part of my mind knew the source of this unusual absence of noise.

Hours before, the bright glare of the barn's night light shimmered on the pristine whiteness, fading into muted shadows around the lawn and meadow.

"The snow isn't coming down any more," the Farmer had remarked at that late hour. "It's blowing parallel to the ground."

Now, the cumulative effect of these billions of tiny frozen droplets, piling together in the damp, biting cold, had seemingly insulated our world into silence.

How delicious to just lie there under a toasty warm electric blanket and listen to this absolute stillness. It was almost as if the world had just stopped operating.

Then, from two stories below, came the sound of the water pump kicking into gear. Thirsty cattle keep the pump operating almost non-stop. Now, nudging their noses at some fountain in quest for water, the cows' thirst broke the unusual early-morning quiet with a familiar background noise. The cows were still operating.

A chipper, cheery voice near my right ear further confirmed that the meditative silence was gone. The clock radio's alarm - an early morning radio disc jockey - offered a rundown on snow accumulations of the region and lists of daycare centers opening late.

A low rumble, rapidly growing louder into a roar, and an accompanying flashing yellow light momentarily lighting the dark bedroom, confirmed that the township trucks were busy making the roadways passable. Indeed, the rest of the world was still operating, albeit with two-hour delays.

Perhaps it is just me that has trouble operating normally under fresh snow conditions.

Indeed, the self-discipline I can usually impose on myself to knuckle down to the computer, calculator, or cattle records gets blown away with a morning blanketed under fresh snow.

Fresh birdseed must be scattered, of course, especially since the tree feeder ran empty while my handy extension ladder, on long-term loan from the shop, has been temporarily borrowed back.

Slogging through the drifts around the barn, any excuse to pause in the shelter of the haymow is a welcome one. It comes in the form of a loud, welcoming "Meow!", from the farm's current most beautiful cat. The 10-pound "Skunk" is far prettier than his name, with a thick, black coat accented with white feet, belly and face blaze. He pokes out from the stack of hay, begging to be held. Who could resist such a come on, even without boot-high snow outside the door?

Inside stuff must wait while snow is cleared from the front walk and porch. More inside jobs go on hold while inventory of the bird feeder visitors is made, accompanied by a cup of hot chocolate and leftover holiday cookies. A female cardinal lands on the windowsill, apparently confused by the greenery of houseplants on the inside, and pecks at the glass, special thrill on this pleasurable morning.

And it would be unforgivable to not try out the cross-country skis on this fresh snow. They glide unusually well across the packed snow of the road, offering an exhilarating ride down the hill to the farmstead.

Even making lunch on such a day offers an excuse to work near the kitchen windows, each framing a sort of Currier and Ives-like winter scene.

By mid-afternoon, between answering phone calls and moseying to the window to look upon the snow and the birds, not a whole lot else has been accomplished. And yet it has been a most enjoyable respite.

Good thing it doesn't snow every day. I'd probably goof the whole winter away.

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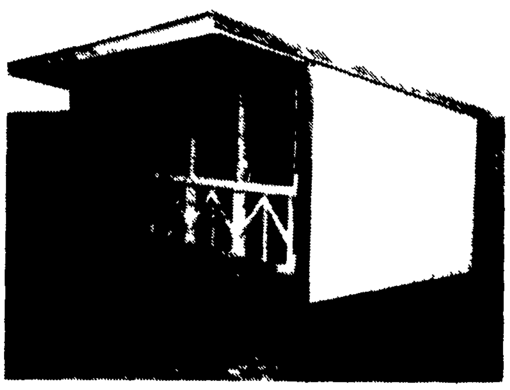

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All Painted Steel Siding
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Feeding On Outside of Pens
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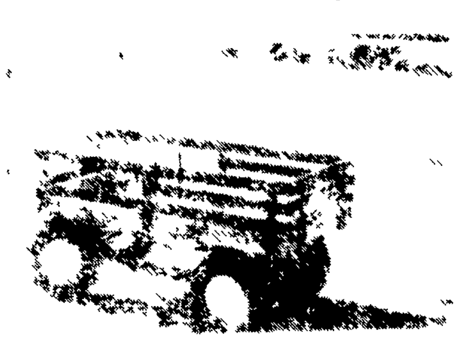

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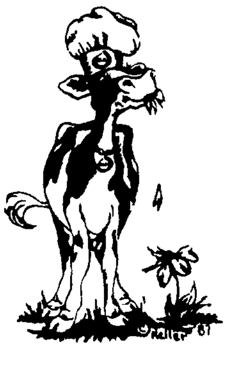

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1- Farm Equipment
1a- Construction Equipment
2- Farm Eq Wanted
3- Silos and Unloaders
4- Building and Supplies

The following categories are available in your classified advertising. In Section B. Deadline-Wednesday afternoon at 5 of each week's publication

5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25 Business Opportunities
26 Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
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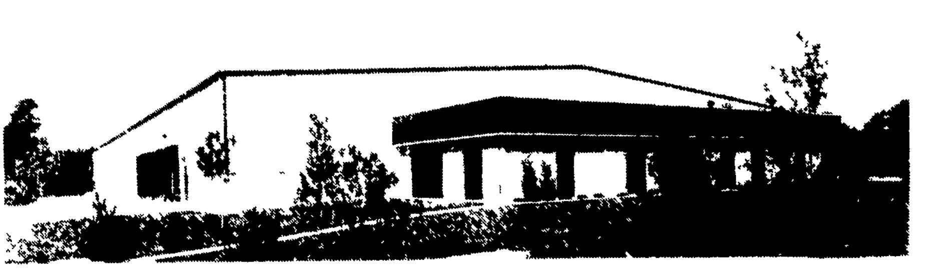

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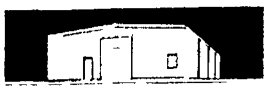

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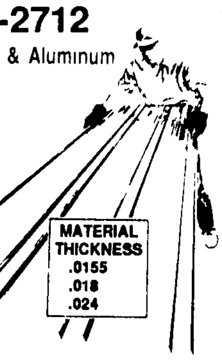

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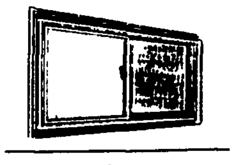

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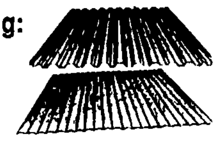

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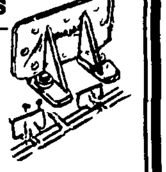

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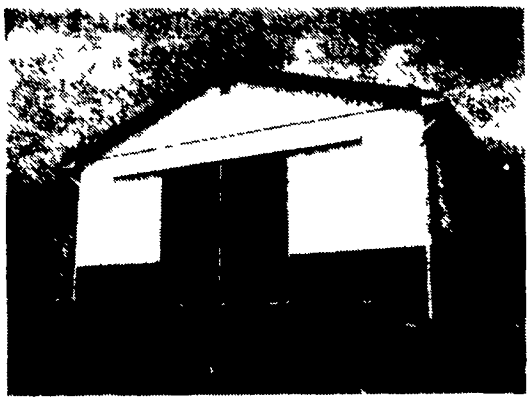

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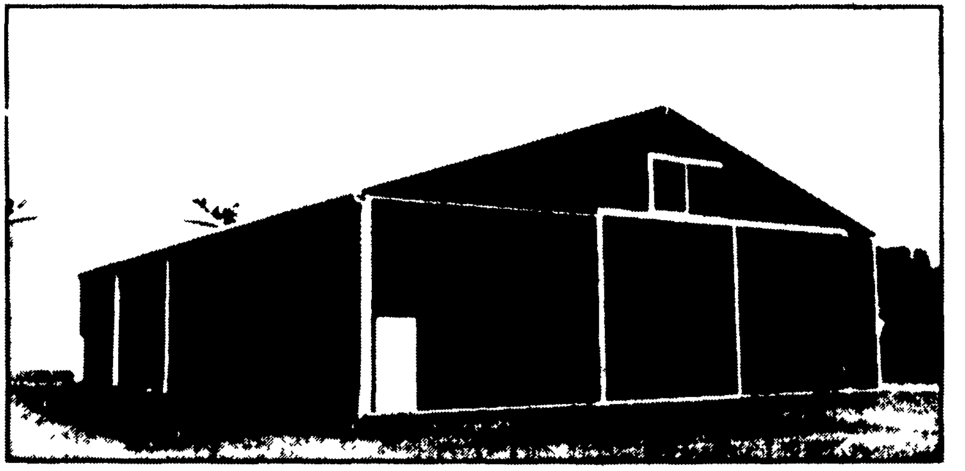

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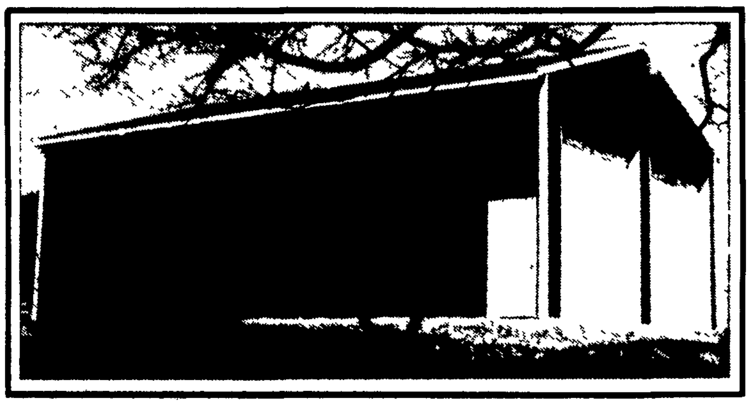

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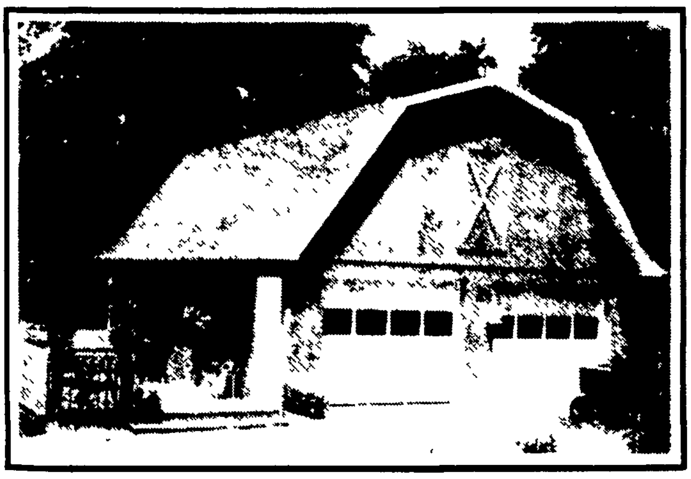

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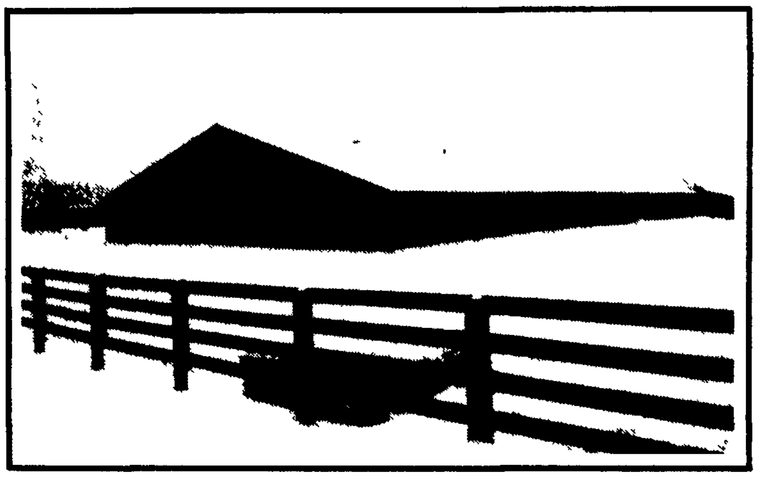

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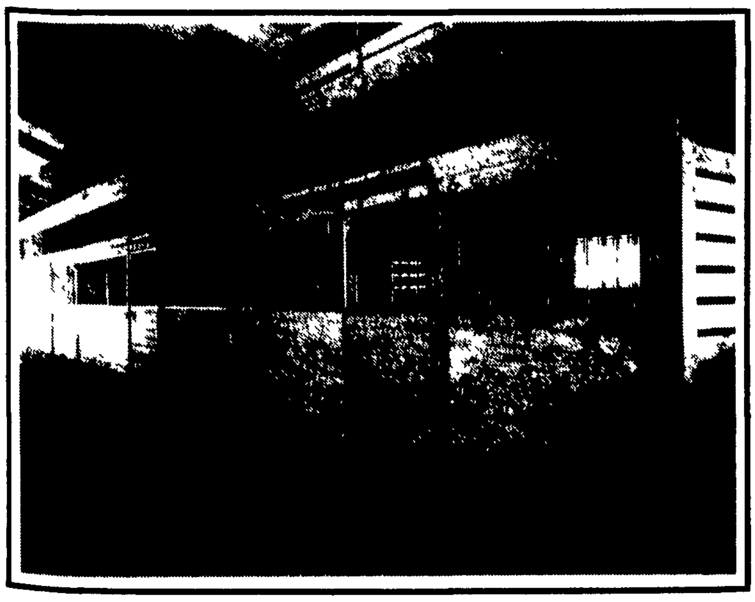

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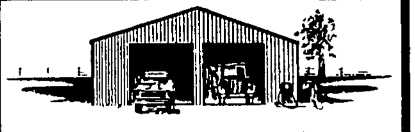

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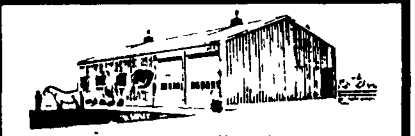

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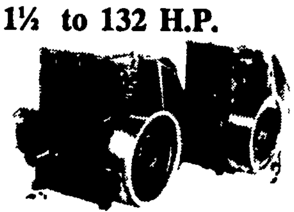

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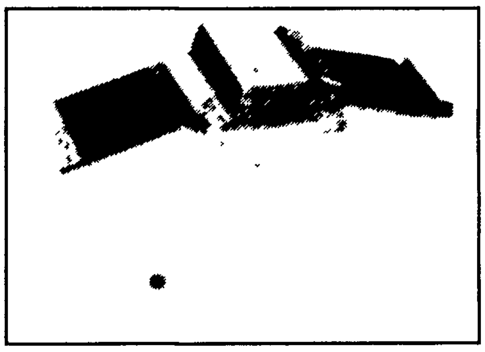

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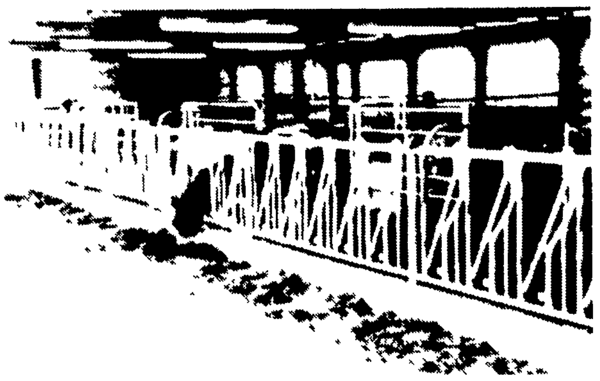

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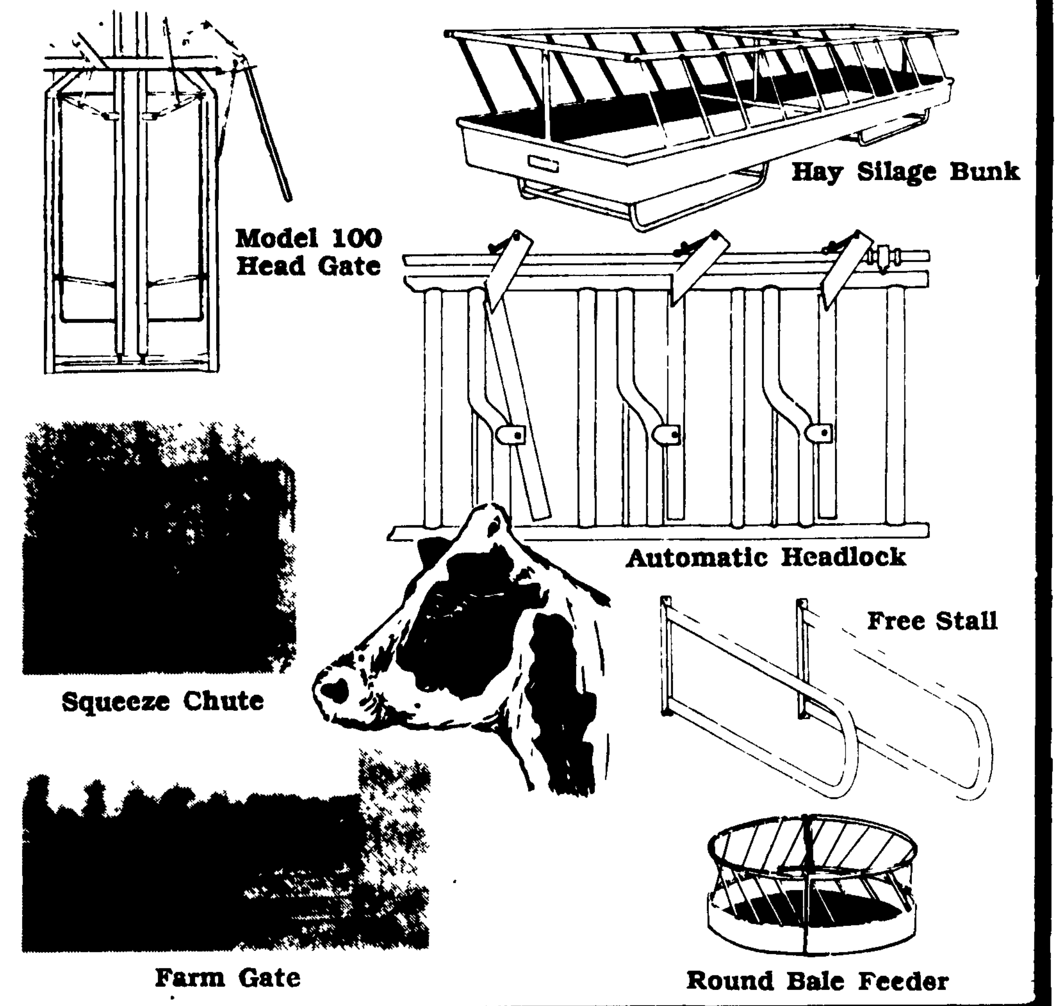

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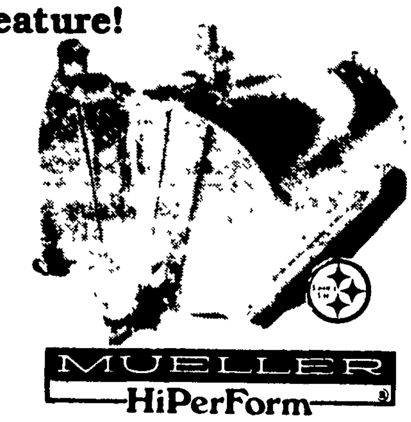

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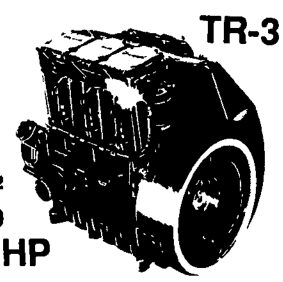

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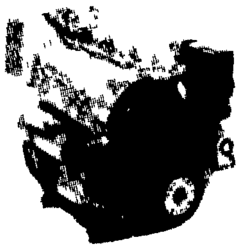

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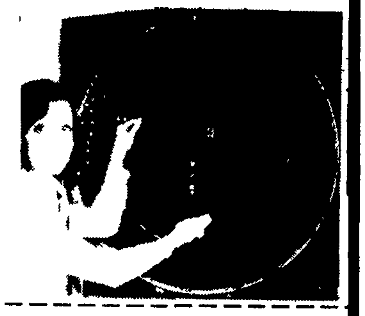

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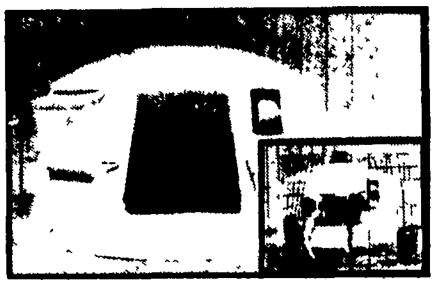

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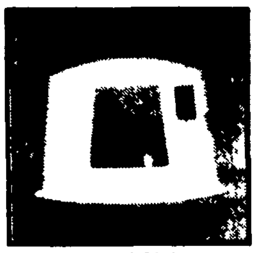

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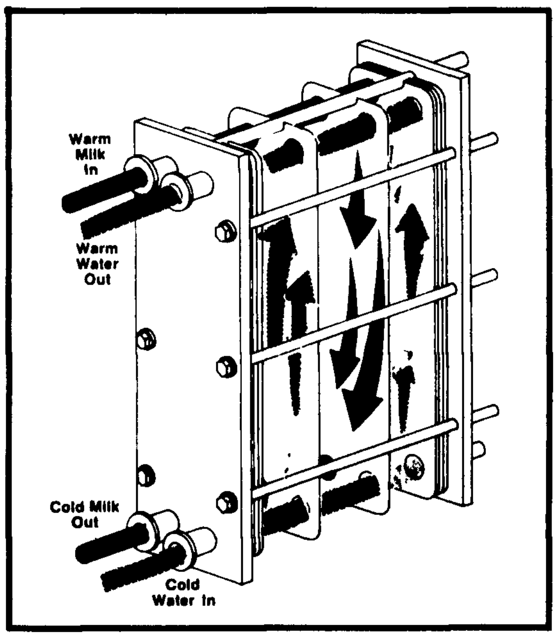

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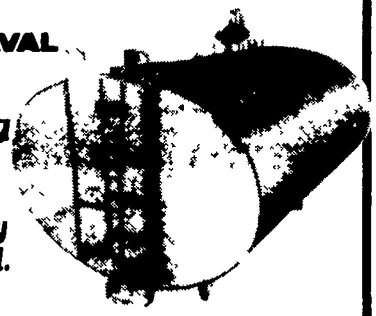

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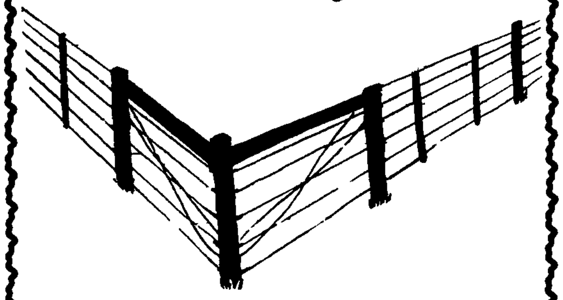

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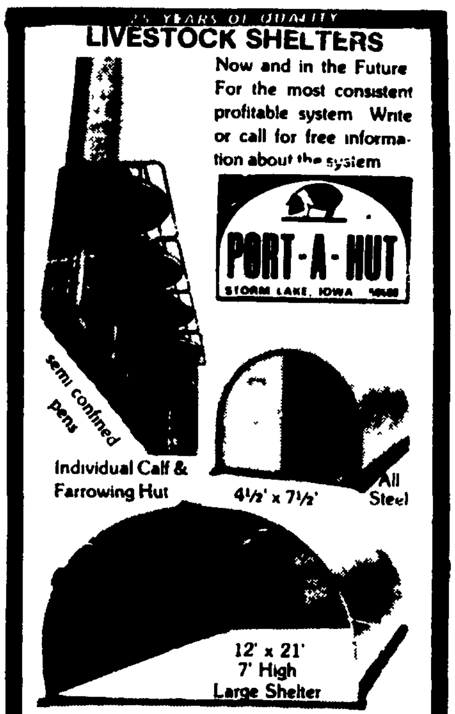

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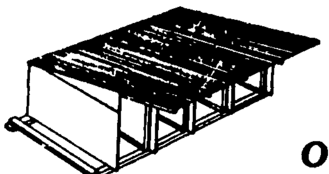

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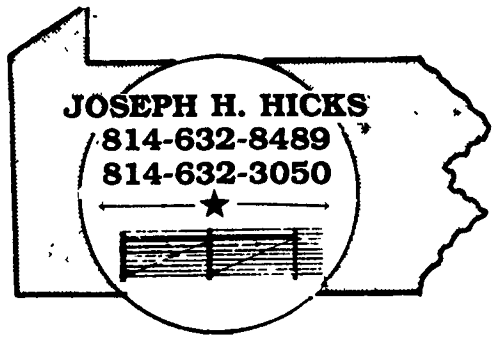

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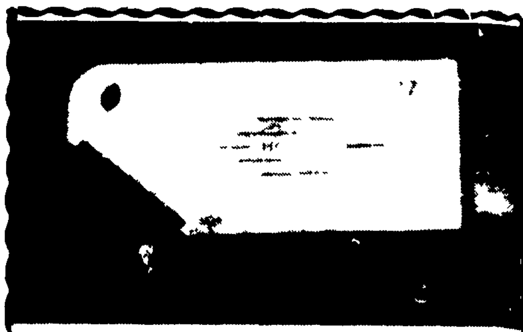

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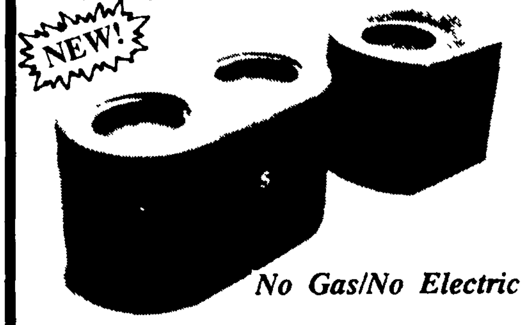

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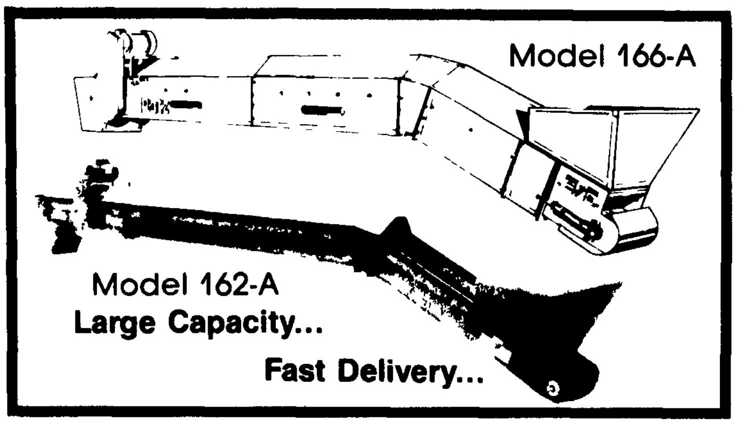
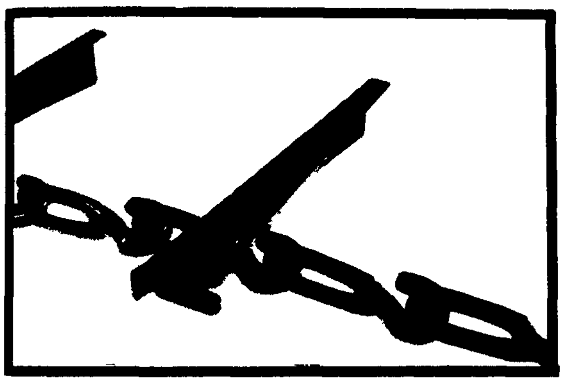
MADE IN THE U.S.A.

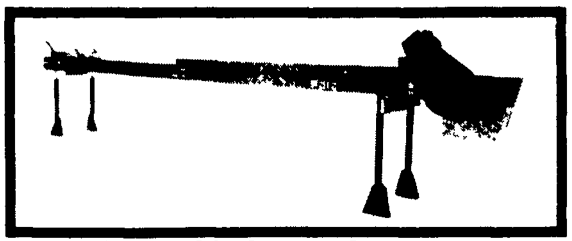

Model 166-A
Model 162-A
Large Capacity...
Fast Delivery...

Conveyors



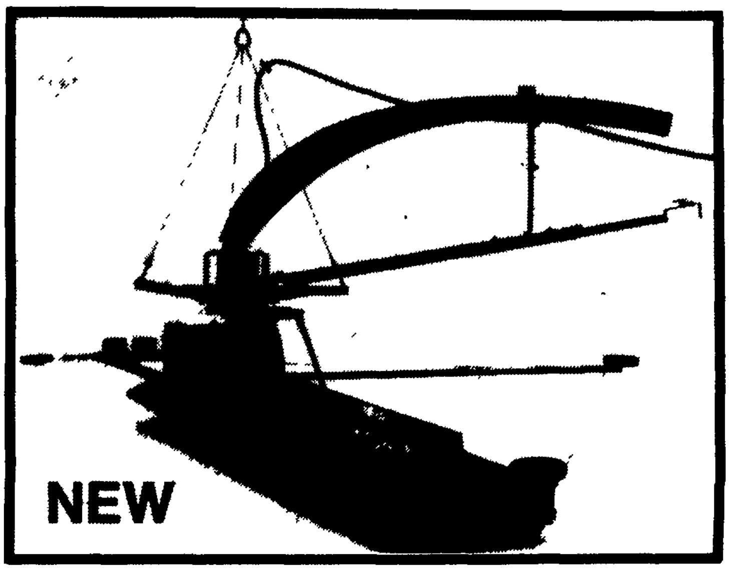
Patz Chain

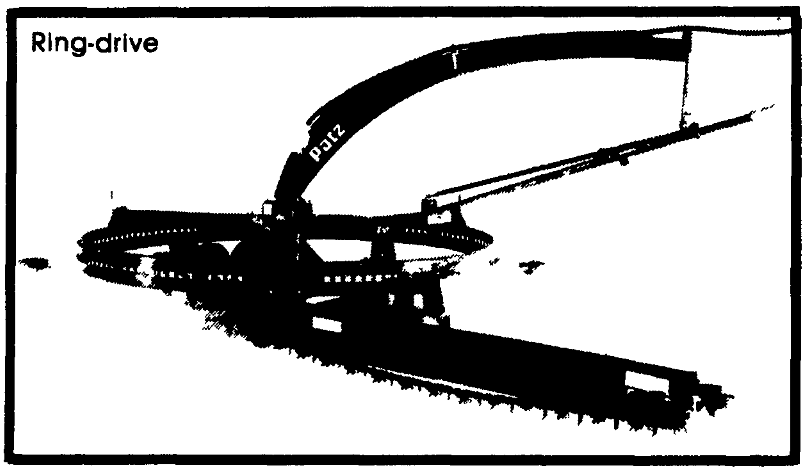
Also: See Our New Patz Cor-Ten Steel Slides - Corrosion Resistant!



Model 8912 Belt Conveyor

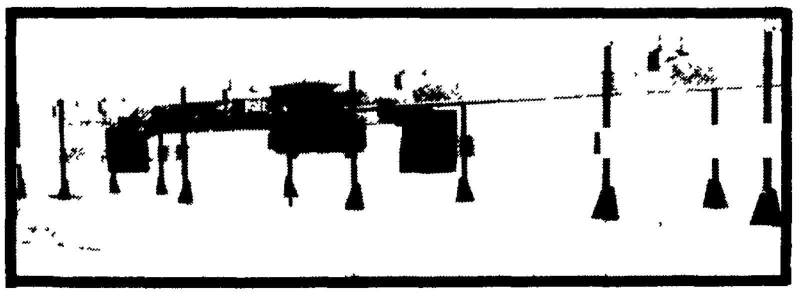
Model 8800 & 8810 Silo Unloaders Dual Auger Surface Drive & Dual Auger Center Drive





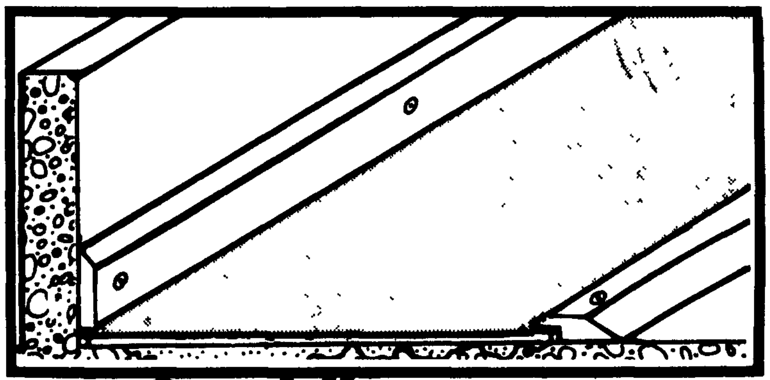
Ring-Drive Silo Unloader

The 98B Surface Drive Silo Unloader has a double-hook gathering chain with hardened steel cutters and claws that cut through frozen and packed silage.



8700 Shuttle Feeder

- ■ ***Direct drive reduces maintenance and increases reliability***
- ■ **16-inch belt plus cover height allows more capacity**
- ■ **Mounts on feed bunks and inside barns**
- ■ **Lengths of 40 to 150 feet**



PatzGard liner

For mangers, feed bunks, conveyors, slides, gutters and more.

New 4.9% financing!

Take advantage of affordable financing from Patz!

Patz announces 4 9% A P.R financing for all Patz Silo Unloaders and Patz Chain Conveyor Models 162A. 166A and 262 purchased from December 1 1990 through January 31 1991

Also 9 5% financing is available for other feed-handling equipment and manure-handling equipment plus PatzGard* liner and replacement gutter cleaner chain

Remember that Patz gives you the choice of easy monthly payments or annual payments for added flexibility

The Patz financing contract is for two years with usual down payment (monthly payments minimum 20% down annual payments minimum 35% down) Financing is subject to credit approval by Patz Financial Services

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8 CATTLE

12 Feeder Heifers, mostly Angus, Approx. 500 lbs, $ 75/lb Lancaster Co 717-665-3387

12 Reg Heifers, Sired by Chairman Bell Tush Nedboy Dixiecraft Bred to Leadsman Trifica Prompt Due March w/records 717-442-8517

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(2) Springing grade Holstein heifers, due in January, big with good utters, AI sired and AI bred, $950 Also registered and grades due in February Strasburg, 717/687-6220

3 Reg cows, 2 due Jan Price to sell $1,350 each Lancaster County (717)354-2041.

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4 year old Limousin Bull, very docile makes excellent herd bull; 3 feeder Limousin Hereford Cross Bulls, 2 Polled, 1 Limousin Hereford Polled Heifer 814-847-2402

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Angus bulls for sale, ready for service Stump Acres, York County (717)792-3216

ATTENTION FARMERS! We have processed newsprint cattle bedding Shredded and baled or baled whole Call for information and prices, etc Schildt Enterprises Inc (717)566-8672

Attention Cattle Feeders! I provide order buying service & trucking. Denzil Heishman, 703-465-5785

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Buyers = Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming You'll get results! 717-394-3047 or 717-626-1164

E.J.Angus Farm Some cows w/calves, heifers, breeding age bulls. AHIR performance records available. 814-667-3802

Feeder Cattle, approx. 600 lbs., black, $.85/lb. York Co. 717/927-9075

FOR SALE: 16 Registered Ayrshire cows, Eastern breeding. Seven fresh, three due Dec and Jan Phone (607)792-3734.

FOR SALE: Large polled Hereford bull, gentle, papers available Dauphin. (717)367-3928

Fullblood Limousin Bulls, coming 2 Y.O. and long yearlings, most are halter-broken, many have been shown. Priced $1,000-$2,000 Lenape Limousin 215/723-2906 Montgomery

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Holstein heifer calves 301/592-7992

Holstein herds, 717-664-2087 or 696-2899

Jersey Cows, all stages of lactations $700 and UP. 717-436-8790

PALCO LIVESTOCK HANDLING EQUIPMENT SQUEEZE CHUTES, HEAD GATES, LOADING CHUTES, HYDRAULIC SCALES, CORRAL PANELS, SALT & MINERAL FEEDERS, HOOF TRIMMING TABLES & MORE SUMMIT SYSTEMS, INC 1-800-242-3240 or 814-735-3293

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Reg. Jersey 3 yr. old cow due in Jan. Pontefract Farm 201/439-3894 Eves.

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified Very Good with records over 29,000 lbs. milk and 1,195 lbs. milk fat.
STUMPLAND FARM
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Simmental bulls, heifers & cow calf pairs, quality genetics. Call or visit, Lakeview Simmentals, Woodstock, VA Only 3 minutes from I-81 1-800-541-7496

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Northumberland County
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Buffaloes
Yearling
Heifers
(717) 222-9815

WANTED HOLSTEIN HEIFERS
Bred or Open
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20 Head of Holstein Cows and Heifers
Due now to May
Woodsboro, MD
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Large quantities of
SAW DUST, MULCH, WOOD CHIPS, (WOOD FIBER FOR HORSE ARENA OR TRACK)
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Born 4/2/88
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K & K Horse Sale
Fredericksburg, PA
Sale held Jan. 19, 1991
Directions: I-78 to Exit #1, Lebanon Valley Livestock Market, next to Esther's Diner on old Route 22.
New and used tack 2 P.M.
Trucks and trailers 5:30 P.M.
Horses 6:00 P.M.
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Day of Sale (717) 865-2881

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11 SWINE

Arnold Hog Farms

Our Farm Show Bred Gilt Entries

Ear Notch 13-1 & 13-2. Three Littermate Gilts Sold 12/15 Sale Average $588. Littermate Boar Topped 8/90 Boar Sale. These Gilts Due Jan. 26th & Feb. 2nd. Carring Service To "AWESOME 50-2". His Six Littermates Sold 10/89 Sale Average 272#, .61 BF, 6.47 Loin, $629. His First Sons Sold (Eight Littermates) Average .655 BF 5.54 Loin, $603.

Ear Notch 26-9 & 26-10 Two Littermates Sold 12/15 Sale Ave. $585 Dam 5 Litters 63-59. Carring Service To "THUNDER" & "APPLE" Due Feb. 6th & Feb. 14th.

Ear Notch 48-1 & 48-3. These Littermates Due Feb. 14th & Feb. 15th to "ASTRO" & "APPLE". "APPLE" 260#, .79 BF 6.46 Loin "ASTRO" 230# .63 BF, 5.31 Loin. "THUNDER" .86 BF 5.92 Loin

These Gilts Sell Jan. 7-8

All animals vaccinated for rhinitis, erysipelas, lepto & parvo. Validated brucellosis & pseudorabies free herds. Tested monthly.
Herd Health Dr. Tim Trayer 1-800-222-4084.

70th Hog Sale, February 9, 1991
Bred Gilts, Boars, Open Gilts

Yorkshires-Landrace
Leon L. Arnold
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Catalogs Available
Call or Write

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Lawrence Arnold
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PRIVATE SALE - Boars, Open Gilts, Bred Gilts On Order, Feeder Pigs.

Free Delivery To New York Pork Congress, January 26th. Rochester, NY.

8 CATTLE

WANTED

Dairy Cows or Heifers, all ages, registered or grades.

(215) 286-9096
(717) 656-8420

REGISTERED HOLSTEIN BULLS

Service Age, Popular Sires, Records and Classification On Dams.

717/532-7905

9 HORSES & MULES

'85 Quarter Horse Gelding, Go Man Go Bred, Top and Bottom Good Broken Kind $2000 OBO; '83 Quarter Horse Mare, Own Daughter of Boston Mac. Outstanding pedigree $1500 OBO. 215-562-7308

Registered Arabian Gelding, 2 yrs., steel grey, excellent disposition, green broke. $1,000. 215/869-3422.

Bobsleds· 3 feeder light weight, 2 feeder medium weight, both completely upholstered like new, call 814-886-5082 after 8 PM.

Horse blankets cleaned and repaired. Pony size blankets/sheets custom made Cart/carriage covers Pickup/delivery available Blue Waters Ponies. Call 717/648-7704.

Large Belgian Gelding, broke to all farm equipment, weighs over 2300#. Call after 4PM 412/966-5779.

Morgan weanlings and yearling studs. Registered. Deposit will hold till Spring. Excellent conformation, disposition. Lippitt -ArchieO breeding. Alice Fox 814-735-3158.

Registered Belgian Draft Stallion, "Westview Jim Farceur" 9 years old, blonde sorrel, Lt M/T, excellent disposition, kid broke, farm worked, ton horse, will sell or trade for farm broke team. No junk calls Henry C. Olsen, Rt 18, Box 56, Charlottsville, VA 22901 804/973-6157

Standardbreds, trotters: 4 yr. old black gelding, not broke, $600, brood mare in foal, $700, yearling colt sired by Maryland stud, $600 All home raised. 301/898-7426

WANTED
OLD HIGH BACK WESTERN SADDLES WITH MAKERS STAMP.
CALL COLLECT
EVENINGS 717-752-7005

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MORITZ TRAILER SALES

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PA 17073
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10 SHEEP & GOATS

30 registered Suffolk ewes. Most are sired by Batie and George Brothers rams. Bred to an Exotic or Broadway son. (717)364-5812 Bradford County.

50 Bred Ewes from healthy flock, due now thru January. Finn X Rambouillet, 4 years old $100 each Quantity discounts. 717-768-8378 NO Sunday Calls.

Cashmere white buck kid. Dam in National Fleece Competition before import from Lismore (awarded Best Cashmere Herd in Australia). Reasonably priced. 215-257-8847

HOOF TRIMMING FOR GOATS AND SHEEP Experienced and reliable Bill Lowe. 717-382-4016

Reg. Dairy Goats: Bred adult does, good milk lines; Alpine Buck; CAE neg. yearlings-Alpine, Lamancha. Also milk packaging machinery. 250 gal. bulk tank, electric milkers. Cumb. Co. 717/258-6191.

Registered Angora goat buck, small, friendly, 2 year old. Ideal for pygmy pygora breeding program, $150. Lehigh, (215)285-2066.

Registered Suffolk ewes and ewe lambs for sale. Exposed to triplet ram 9/15/90. Spring of 1990 180% lambing. Call (717)922-3385.

SOUTHDOWN SHEEP Large modern brood ewes, yearling ewes, ewe lambs, breeding rams. State fair champion quality. Prices starting at $100. Delivery available Scenic View Farm, The Kwisnek's, Route 1, Box 995, Clarksburg, PA 15725 (412)459-5254

32 Bred Commercial Ewes
$50/each
13 Cheviot Ewes
$35/each
4 Rams
703-869-6187

SPRING HOLLOW FARM
REGISTERED ANGORA GOATS - Romney/Dorset Sheep, Quality Mohair & Breeding Stock From A Small, Nurtured Herd. New Kids From Fiberfest Champions.

WATCH US GROW!
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Box 2852, RD #2
New Tripoli, PA 18066
215-285-2066

9 HORSES & MULES

Pennsylvania Draft Horse and Mule Sale

February 14, 1991

Blizzard Date - February 15, 1991
Pennsylvania State Farm Show Building - Corner of Cameron and McClay Sts., Harrisburg, Pa.
Tack - 8:00 A.M.
Horses - 12:00 Noon

Terms - Tack and Draft Horse related items - 15% - with maximum commission $75.00.

Horses - $30.00 to accompany consignment.

If no sale - no refund. 6% commission - Maximum commission $180.00.

$30.00 entry fee to be deducted from commission.

Deadline for catalog - December 1, 1990.

Cataloged Horses to sell first.

Will accept consignment up to 11:00 A.M. February 14, 1991.

Horses will be sold in order of consignment.

Negative Coggins test and health papers within 6 months must accompany each horse, please have foal papers in order.

Note - We have a demand for wagons and equipment, Fore cart will be available for hitching.

Note - Non Catalog consigners - you must give us one week notice so proper number of stalls are available - otherwise you will have to sell off your truck.

Elmer D. Lapp
5080 Martin Rd.
Kinzers, Pa. 17535
717-768-8177

W. David Keller
RD #2 Box 1
Hummelstown, Pa. 17036
717-566-0529

Young Reg. Leader Suffolk Ram
Throws Triplets and Twins
Time to Change Sires,
Reasonable
Glen Rock, PA
717-235-6683

11 SWINE

BLUE CHIP PREFERRED STOCK

Bred To

FEB. STRONGBOX DAUGHTER
1st place Gilt Ohio St. Fair
1st Pl. Gilt Md. St. Fair
FULL SISTER TO "MOVING' ON"!
Due 2-1-91

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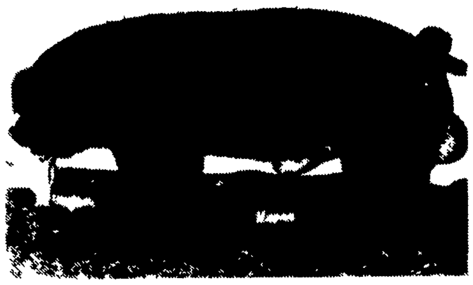

DCH REGENCY
1990 GRAND CHAMPION BOAR
KEYSTONE INT. LIVESTOCK
EXPO (KILE)

THIS MATING WILL BE OFFERED AT THE

1991 PA FARM SHOW

SHOW, JAN. 5 9 AM

SALE, JAN. 7 11:30 AM **Small Arena**

Stop By And Talk To Us About The Opportunities
This Mating Could Be For You!

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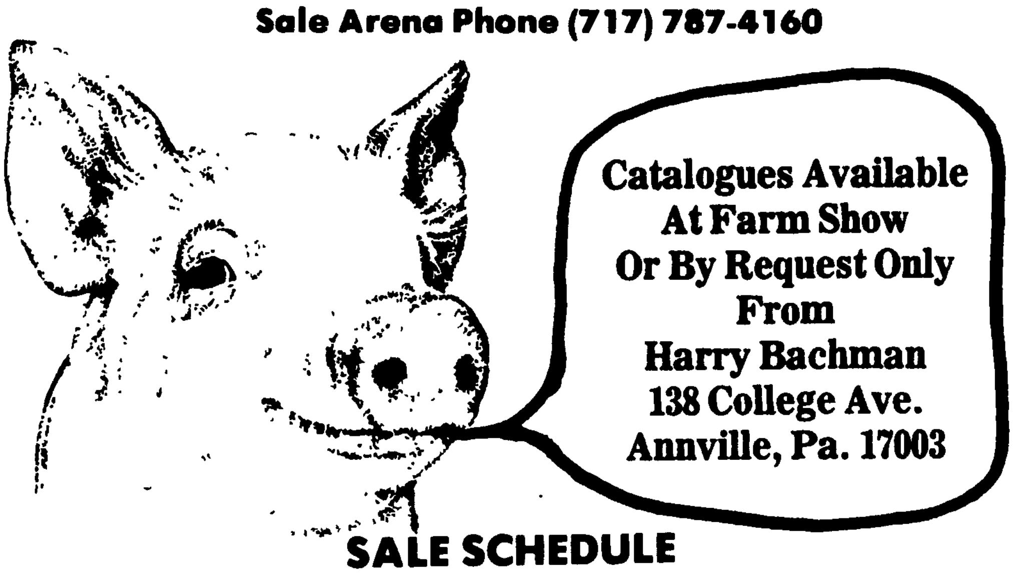
PENNSYLVANIA ALL BREED BRED GILT SALE

Farm Show Bldg. - Harrisburg, Pa.
Small Arena
Sale Arena Phone (717) 787-4160


Catalogues Available At Farm Show Or By Request Only From Harry Bachman 138 College Ave. Annville, Pa. 17003

SALE SCHEDULE

MONDAY, JANUARY 7, 1991	
10:00	Berkshires
11:30	Duroc
1:30	Hampshires
2:30	Landrace

TUESDAY, JANUARY 8, 1991	
10:00	Yorkshire
11:30	Spotted
1:00	Poland
2:30	Chester White

Show Sat., Jan. 5
9:00 A.M.

Auctioneer
HARRY BACHMAN
138 College Ave., Annville,
PA 17003
Tel. 717-867-1809

SHOULD BE REMOVED
FOLLOWING SALE WHEN
SETTLEMENT MADE

PA. CO-OP SWINE BREEDERS ASSN.

You May Have To Look For Us But It Will Be Worth Your Wait!

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PA FAR
Booth #'s 34 34

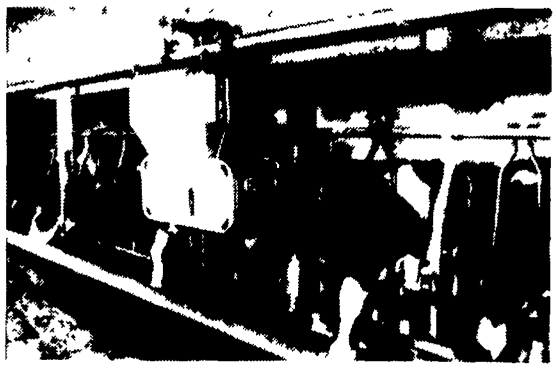
Com On

Whether You Milk In A Parlor Or A Stanchion Barn es'

MOBITRON - The High-Tech High Performance Mobile Feeding System For Stanchion Barns That Saves Time, Labor And Feed.

Stanchion barn feeding has never been easier or more profitable than with Westfalia's MOBITRON! Completely automated and computerized, this high-tech, high-performance feeding system offers features conventional and competitive methods just can't deliver.

- Single or Dual Rations -- meets every cow's needs
- Multiple Feedings Per Day -- increases milk output
- Optimal Feed Use -- saves money
- 24VDC Power -- accommodates virtually all layouts
- Printout (Optional) -- simplifies herd maintenance



The Mobitron Is A Computerized Monorail-Mounted Feeding Car That Will Automatically Deliver Feed To Your Cows. It Is Designed For Maximum Results And Offers Features And Benefits Conventional Feeding Methods Can't Deliver.

STIMOPULS "M" And STIMOPULS "C"

Stimopuls M, the pre-milking stimulator/pulsator, can be used with the ACR 3 Control. This modern, electronic milking device performs stimulation every milking better than by hand and with uniform reliability. The milking preparation routine can now be a timed event. Thus, combining the ACR with stimulation/pulsation assures efficient let down, milking and take-off for each individual cow.

STIMOPULS M
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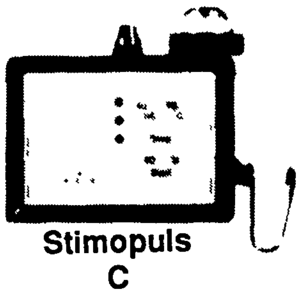
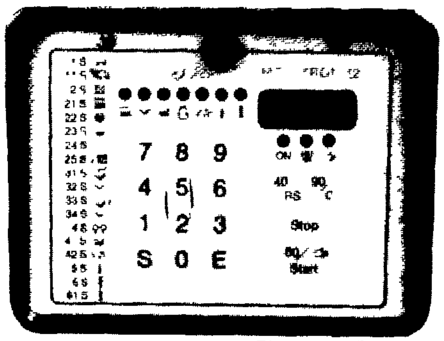
For a more complete milk-out and increased milk yields, Westfalia's Stimopuls can do the job for you. Now milking stimulation can be a timed event.



Stimopuls
C

METATRON Will Make Your Milking System Complete!

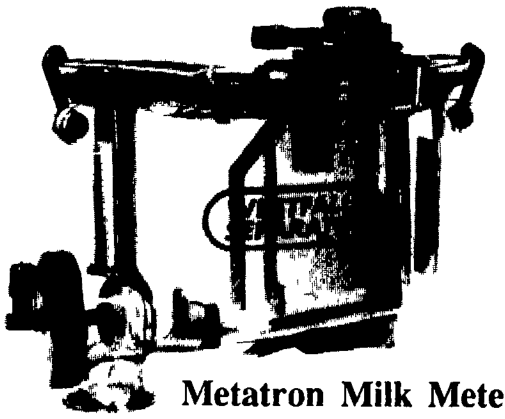


Metatron Control

Westfalia's Metatron gives you the edge in effective, economical herd management. This DHIA and USDA approved cowside milk meter provides milk metering on an individual cow milking for in-parlor evaluation. Vital information of milk produced, maximum milk flow, average milk flow and milking time is also available at cowside. Aids you to better manage each individual cow.

The Metatron Milk Meter is transparent for visible operation and designed to take years of use. The unrestricted, full 1" milk outlet takes into account all air flow and milk flow requirements for high producing dairy cows of today and tomorrow. It's convenient, too, and can be on line mounted, or remotely mounted out of the operator's way.

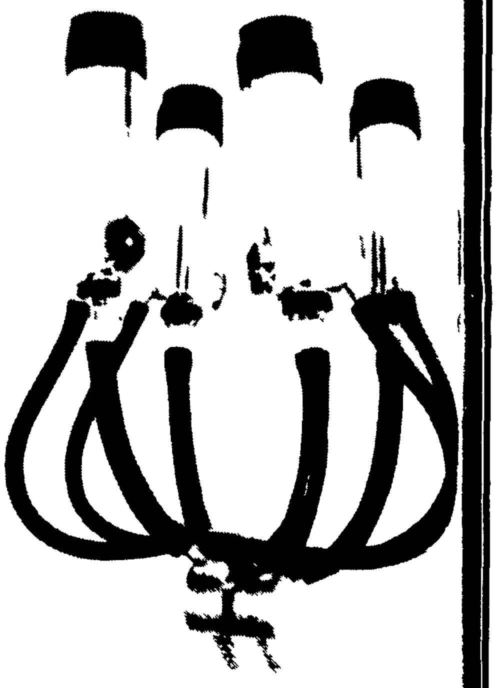
WESTFALIA SYSTEMAT



Metatron Milk Meter

Westfalia's BIO-MILKER

It's Something Else!



The Bio-Milker Multiplies Your Profits - It's The Be Way To Better Milking!

Specially designed to regulate yo milking operation, this positive puls air bleed milker assures harmo between udder and cluster. Milks wi lower vacuum levels even in stanchi barns with a high milk line.

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- ☐ Reduced Milking Times
- ☐ Superior Milking Out
- ☐ High Milk Yield
- ☐ Reduced Cell Count
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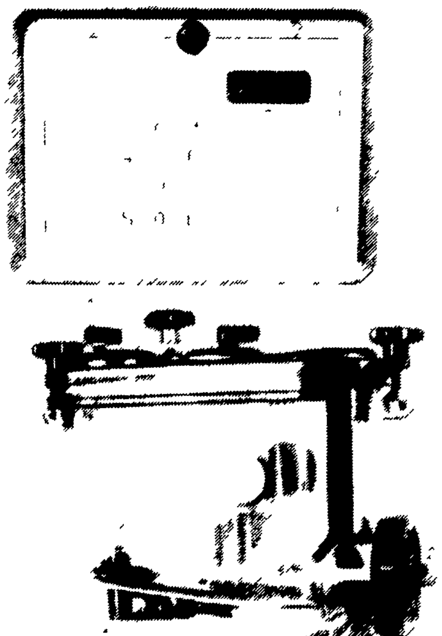
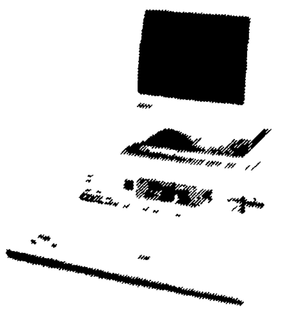


Automatic Cluster Removal (ACR)



Metatron Milk Meter

Conputerized Feeding

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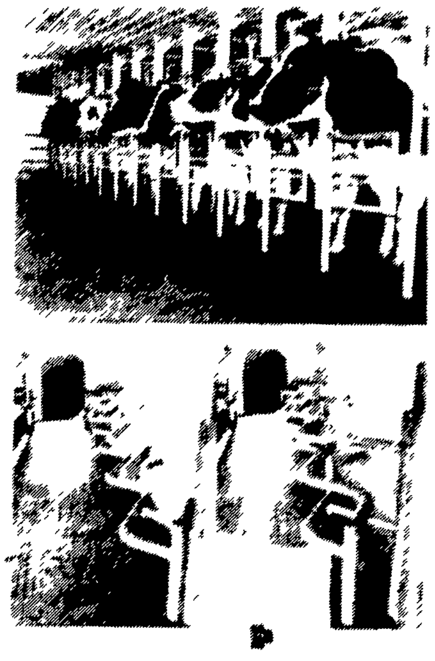
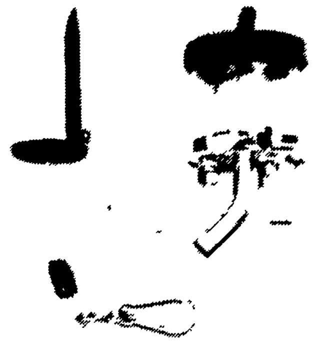
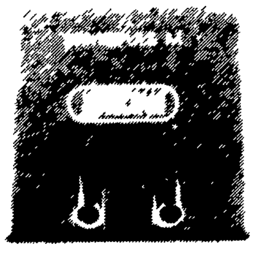


Milking Parlors Designed for Profit





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Snow date following Tues. same time

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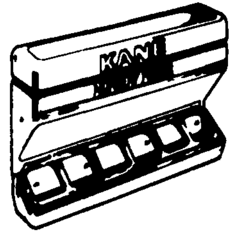

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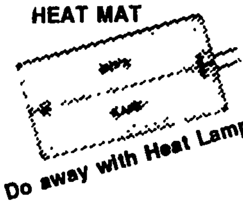
Do away with Heat Lamps

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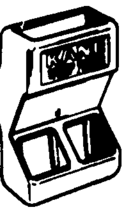
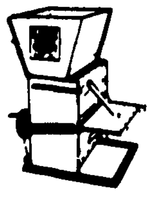


GRINDER/MIXER SCALES



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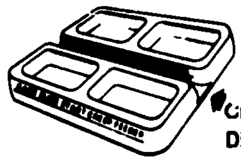

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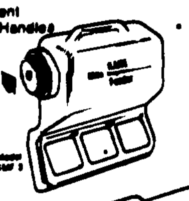

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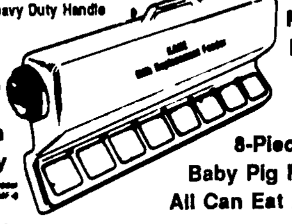

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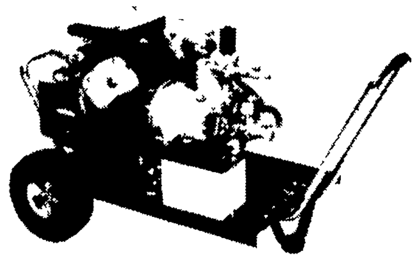

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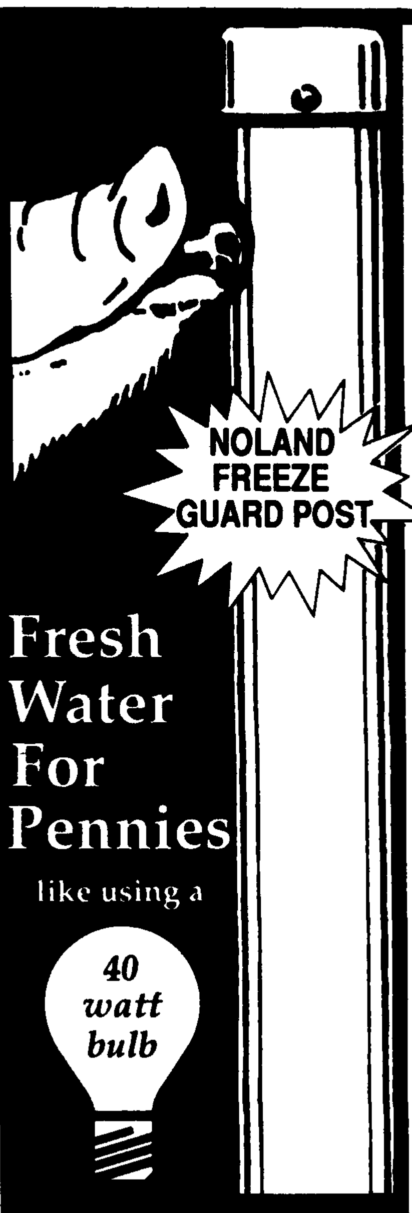

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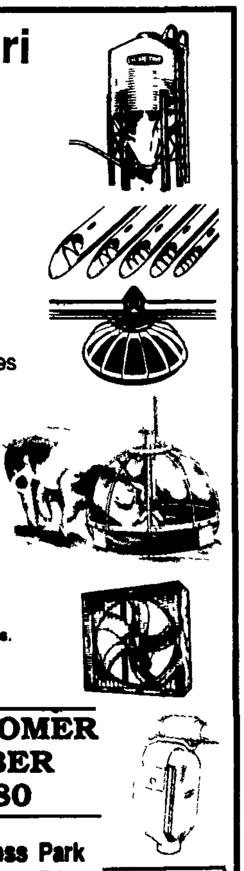

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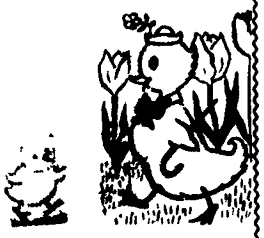

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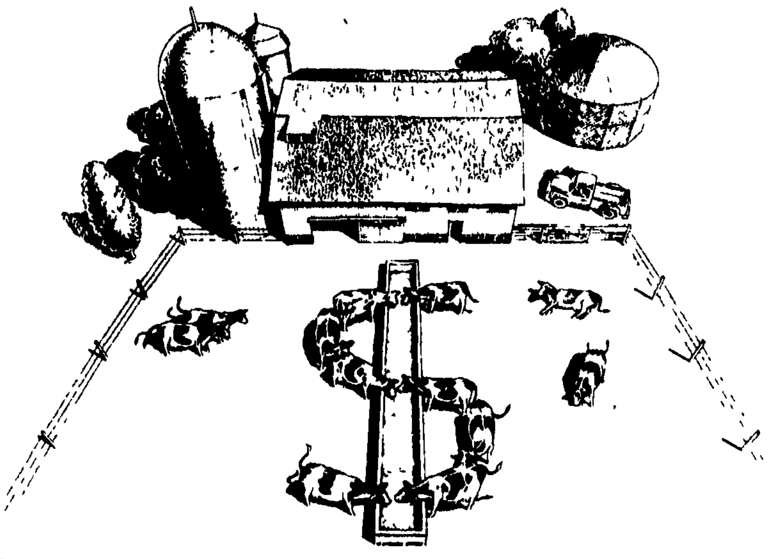

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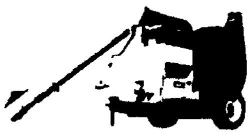

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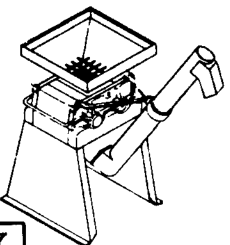

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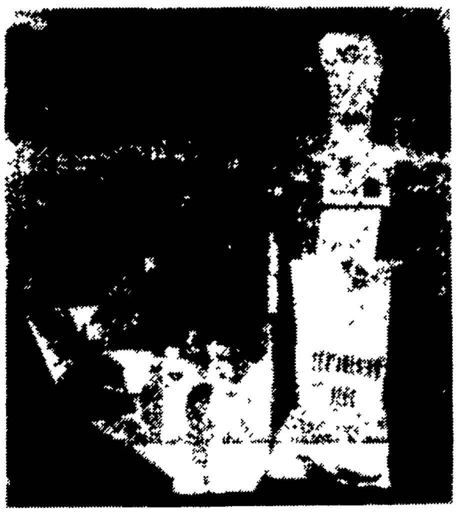

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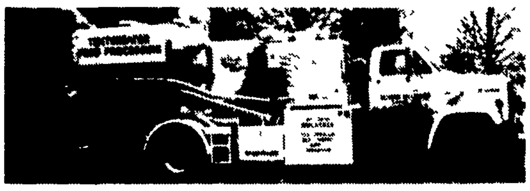

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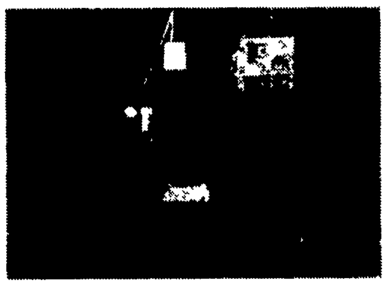

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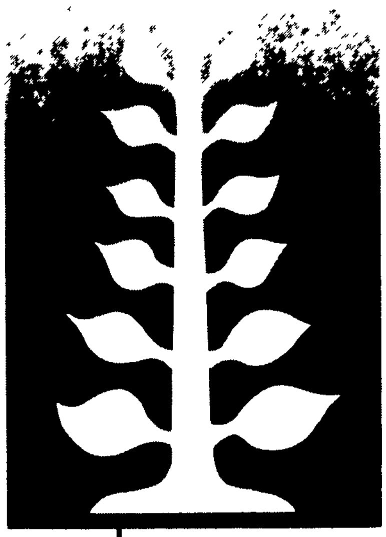

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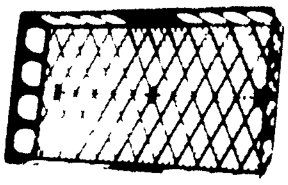

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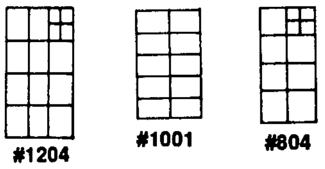

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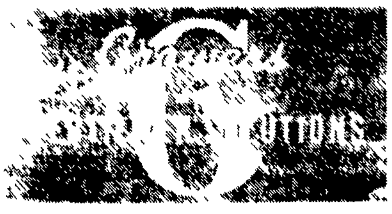

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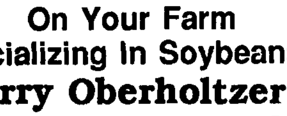

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23 HELP WANTED

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Foster homes urgently needed for special needs children of all ages including babies medically needy children and teens Consider opening your heart and home to a needy child, call Counseling and Care Services at (717)293-5204 or 1-(800)326-9504 EOE.

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Two roof skylight framing carpenters. 215/343-8800 Horsham, PA Ask for Sam.

Worker for dairy farm, mechanical ability& and weekend milking. Nice house, benefits. (717)898-7689.

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Help Wanted on dairy farm Must be able to operate farm equipment Chester County. 215/593-6026

Herd person 2 years milking experience required, references required, housing provided plus benefits 717-862-3314, 717-862-3661

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Sales Experience Preferred
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Contact the Agricultural Employment Specialists
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HELP WANTED

Looking for farm work? The Pennsylvania Farmers' Association can computer-match your qualifications and experience to its members' employment needs. No fee is charged If interested, send self-addressed, stamped legal size envelope to:
PFA, Ag Employment Opportunities
P O. Box 8736, Camp Hill, PA 17001-8736

Mechanic needed on large modern dairy farm. Duties: In charge of maintenance, help with field work, and mix feed every other weekend. Must have experience w/farm equipment, welding, and crops. Position comes w/nice house, every other weekend off, BC/BS, and vacation. Reply to:
Rothrock Golden Holstein Farms, Inc.
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Responsible For Farm Shows, Plus Supervising, Training And Helping Dealers Set Goals For Their Area.

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Only Written Applications Accepted.

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Non-smoking single male or mature couple will exchange modern farm cottage for 20 hours work weekly on cattle farm. Additional hours available. Chester County. 215-935-2928.

Married or single person to work on 80 cow dairy farm and general farm work. House available plus other benefits, good wages. 717/786-8944.

Field crop and livestock farm needs reliable help for machinery operation and livestock care. Primarily hay and purebred Hereford cattle. Experience preferred. Housing and benefits provided.
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Seeking an experienced individual to oversee a large sow farrow to finish operation with full-time employees.

- Competitive Salary
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ALL REPLIES KEPT CONFIDENTIAL
Send Resumes To
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Attn: Carl Brown, Sales Mgr.
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Responsible and motivated persons who seek a rewarding and progressive career working with people are welcome to apply for work in artificial insemination sales and service for cattle. Preferred: ag background, safe driving record, willing to relocate in PA, education and/or experience given positive consideration. Compensation: above average income, fringe benefits, equipment provided, paid training, travel allowance. Mail resume to:
Atlantic Breeders Cooperative
1575 Apollo Drive,
Lancaster, PA 17601

Parts Attendant: Prospective candidate will be involved in shipping and receiving, order processing, phone sales, trade shows and other activities in a wholesale/retail environment. Employee must work well in a team atmosphere. Accuracy and good telephone skills a must.

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Positions include:
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Mail your replys immediately to:
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Ephrata, PA 17522

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Wanted to buy small chicken farm, for Broilers in Lancaster County or Southern Lebanon 215/445-7607.

25 BUSINESS OPPORTUNITIES

Want to make $15/hr. at home? Handmade item every dairy farmer needs Easy extra income for men, housewives, teenagers, retired, and disabled. Free information SASE to: Goodville Farm Services, Box 6, Goodville, Pa. 17528.

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$250,000 INCOME WITH A 30K INVESTMENT! Start in the tire business. We provide inventory, training, machinery. Tire-Land USA (Binghamton, NY) 607/699-3200.

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26 HOUSEHOLD

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Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
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Lebanon, PA
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(1) Farm Dog FREE, Mixed breed, male, 1 year old. 717-665-5772

AKC Boston Terrier, male, 3½ years old. Also stud service Boxer, Pug, Bishon, Dashund. 215/267-7381.

AKC Dachshund puppies, 8 weeks old, first shots and wormed. (717)649-5096.

AKC KEESHOND puppies, shots, wormed, have parents. 3M1F, PRICE REDUCED. (717)582-8218.

AKC Lab Retriever pups, champion lines, chocolate $250, black $200. Call (717)658-6529.

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For Sale Australian shephard pups, registered, shots, wormed, good workers, #1 family dog, loveable. Call 215/267-6857.

Reg. Australian Blue Heeler Pups. Excellent stock dogs, will learn to work just about any kind of livestock and are great watch dog, good w/ children. For more information call 301-875-0473; 301-857-1213. Will have pups available 1-8-91.

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AKC, Purebred, Mixed Litters.
Stud service for most breeds.

Transportation provided

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717-442-4259

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(717) 822-2033

Puppies Needed Now
AKC Registered and Purebreds
Resale As Pets To
Loving Homes Only!!!
Call Marie; Mornings 6-9 AM
717-482-4304

Jo Jo The Dog Man PUPS WANTED!!!
Die Hundeman mit die Geld fer die Hunde.
Will buy pups 11 AM to 1 PM at Stoltzfus Feed & Supply, on Thursday, January 31, 1991, Rt. #41, Gap, PA. Stoltzfus Feed & Supply is located 1½ mile south of Rt. 30 on the right.
Call Jo Jo Early Mornings 7-9 AM if you have any questions.
609-452-8903

Registered Border Collie puppies, excellent pedigree, $125-$175 Shots and wormed. 717/532-4259

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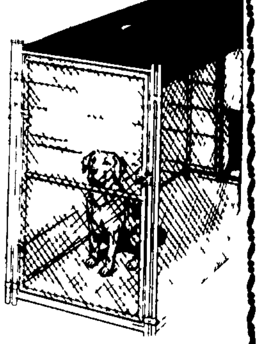

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Excellent Quality & Conformation
All Have White Markings
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Excellent For Breeding Or Pets
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For Sale Reg. Vietnamese Potbellied Pigs Black Gilts $475; Black Boars $200 White Boars and Gilts $1500. 717-768-7135

LLAMA 1 male, 8 months $1500. 215-868-0186.

31 NOTICE

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Top Dollar Paid for old log cabins for removal, old house salvage, wide old flooring, old small wooden corn crib, wooden outhouse, old (6-8) paneled doores, grainery boards, barn siding, fireplace mantels, old architectural built-in cupboards. Chester Co. 215/857-3910.

WATER RAM information booklets send $10.00. G.Kotula, 3037 Merritt-Parkway, Reading, PA 19608-1013. FALLING WATER PUSHES WATER UPHILL.

INVITATION FOR BIDS

The Lancaster Conservation District is requesting bids for the construction of a manure storage system to be funded in part by the Chesapeake Bay Program. Construction is expected to begin during the spring of 1991. The site is located in Paradise Township, Lancaster County.

Prospective contractors will receive a bid package which contains Instructions to Bidders, a sample contract form, the plans and specifications for the project, and a bid sheet

Small and minority businesses and women's business enterprises are encouraged to respond to this invitation for bids.

Sealed bids will be accepted until the public bid opening at 9.00 A.M on January 30, 1991.

To obtain a bid package, contact the Lancaster Conservation District at

Room 6,
Farm and Home Center
1383 Arcadia Road
Lancaster, PA 17601
(717) 299-5361

31 NOTICE

FOR SALE: 1981 AQHA registered sorrel mare, Gigi Deluxe, 16 hands, sound, gentle, western. Sire: Sonny Deluxe, Mare: Miss Ski Bob. $1500. Good home ONLY. Call **(814) 387-4195.**

FOR SALE: Single seat surrey, red velvet upholstery with gold fringed top. Excellent condition. $1200. Call **(814) 387-4195.**

FOR SALE: International truck 549 industrial gas engine, 230 hp, completely rebuilt from bottom up. $2000.00. Call **(814) 387-4195.**

FOR SALE: Approximately 3,000 bales horse hay @ $1.20 per bale. 300 tons corn silage from 1989 @ $10.00 per ton. No deliveries. Call **(814) 387-4195.**

FOR SALE: Round baled hay, 1200 lbs. per bale. Approximately 75 bales 1989 hay: $6.00 each and approximately 150 bales 1990 hay: $12.00 each. No deliveries. Call **(814) 387-4195.**

32 MISCELLANEOUS

6 cast iron residential radiators, phone 717-848-9827 between 8 AM and 4 PM.

Bandsaw blades made to order. Wood, metal or meat cutting. UPS shipping. 717/733-0511 Martin's, 502 Glenwood Dr, Ephrata, PA 17522.

Bridgeport Tru-Trace Mill, excellent condition, needs valve repair. $5,200 OBO. 301/467-9762 or 301/357-4100.

Cloth material, finest grades available, 20 pallets of remnants for shirt, coat, and jean manufacturing. Plain colors and camouflage $1.00/lb; $50 minimum. 717-394-4980.

Crescent wood planer, 6"x18" heavy duty $1500; 15" Cincinnati metal lathe $3200. 201-453-2088.

D S. Machine coal stove w/ water jacket 4-grate, real good $750; 36" Zimmerman exhaust fan w/electric motor and thermostat, like new condition $350. Jonas E. Fisher, 28 Esbenshade Rd, Ronks Pa 17572 Lancaster

EASY WORK! EXCELLENT PAY! ASSEMBLE PRODUCTS AT HOME. CALL FOR INFORMATION. 504-641-8003 EXT. 11072

Farm Toys-Collector Series, Show Tractors, Pedal Tractors, Trucks-for sale at all times. Visit our large display during business hours Wengers Farm Machinery, Inc., 251 S. Race St., Myerstown, PA 717/866-2130

FOR SALE 50 ton of newsprint available per week Baled $40/ton; loose $10/ton Delivered within 30 miles of Lebanon 717-949-3363.

FREE For The Hauling. 700 lb. bales of scrap newsprint. Call 717-626-1164 Ask For Jack.

SAVE MONEY ON WOODWORKING MACHINES!
Band saws, jointers, planers, routers, scroll saws, drill presses, table saws, sanders, lathes, shapers, dust collectors & more in stock. 30 Day Free Trial! 1 Year Warranty. Call For Low Prices 1-800-445-4669. Terre Hill, Pa.

Steam Cooker includes 2 40 gallon cookers plus 3 compartment cookers, complete. Ideal for bacon and hams etc. (717)454-0169.

TIRONIE'S TARPS SHIPPED ANYWHERE 1-800-874-2928

Vertical and Horizontal metal cutting band saw, blade size 3/4"x10', 3/4 HP motor, weight 300 lbs, $750. Sidewinder Hydraulic truck bed hoist, 360° swivel, 1000 lb. capacity, 500 lb. extended, $350 50 ton shop press, $700. 717/345-8426.

WANTED: WEATHERED BARN SIDING. Will buy and tear down old barn Must be in good condition No rot. Need enough for a one story residence (703)978-0383.

PAINTED STEEL ROOFING & SIDING
- Galvanized/Galvalume
- 29/26 Gauge
- 3 Major Brands Available
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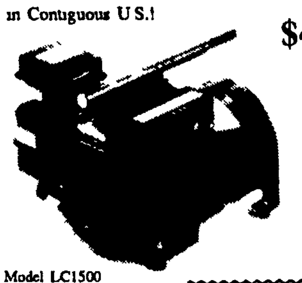

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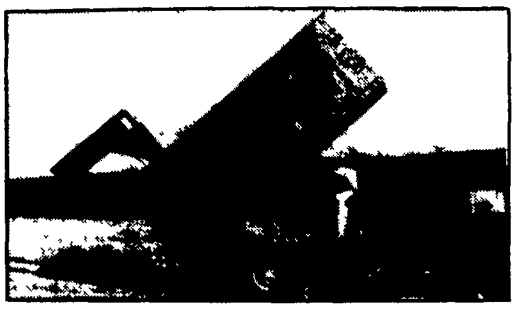

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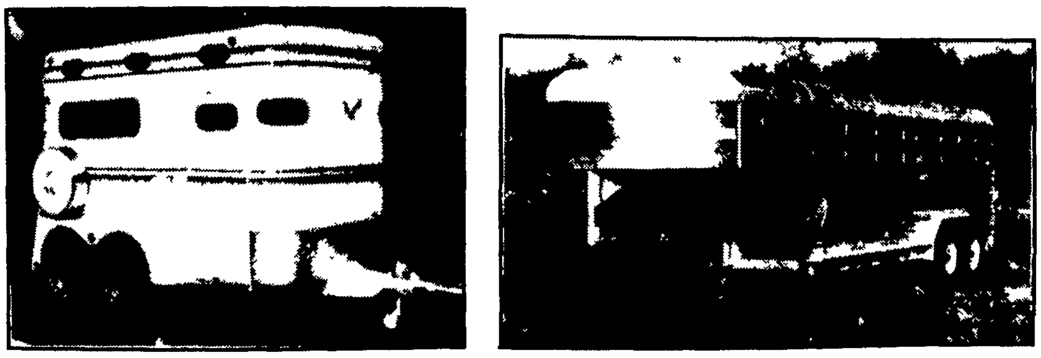

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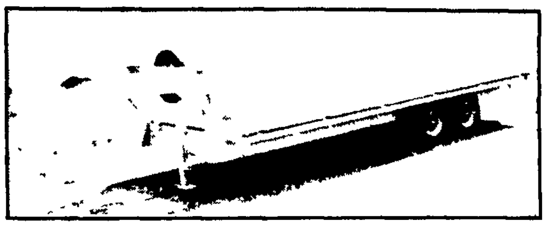

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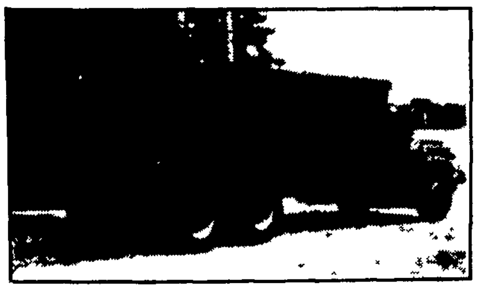

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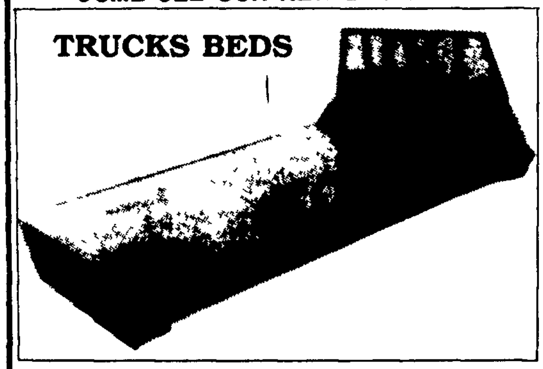

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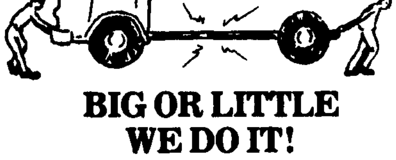

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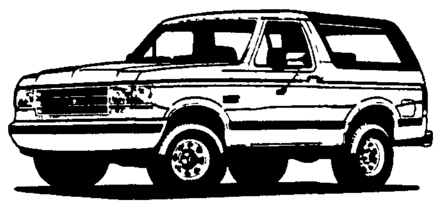

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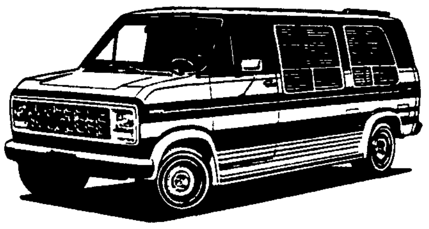

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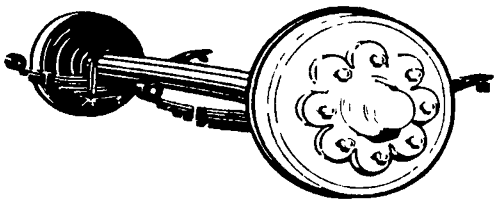

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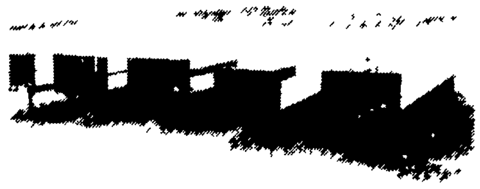

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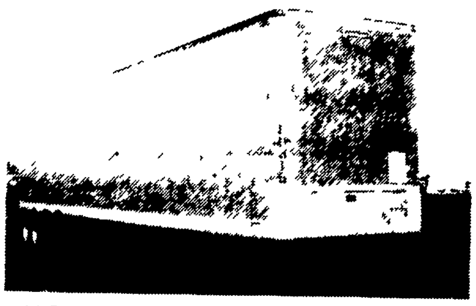

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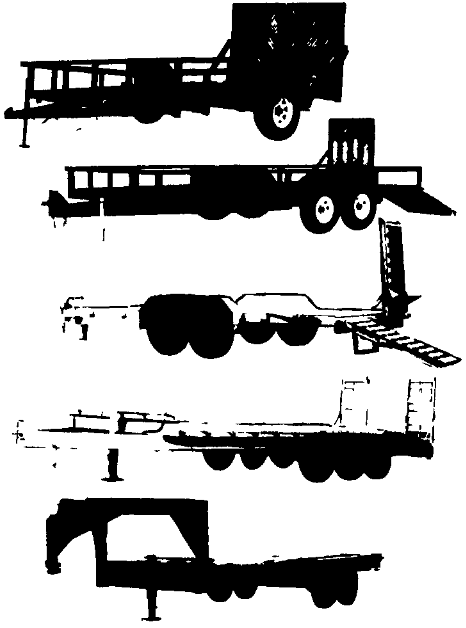

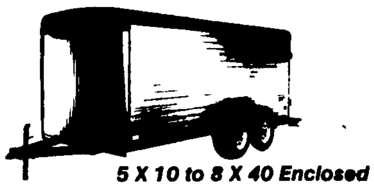

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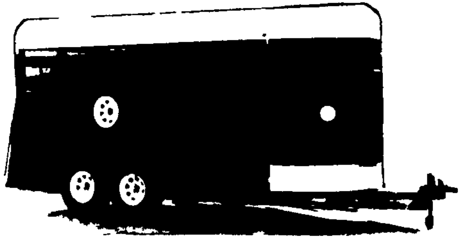

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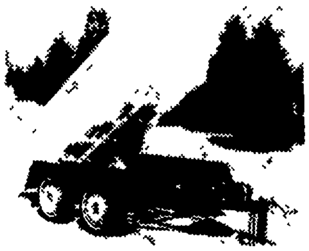

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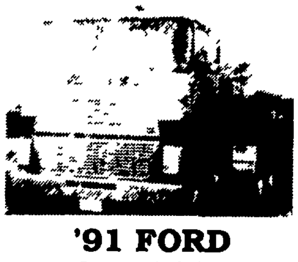

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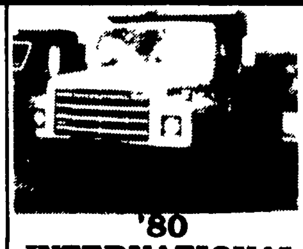

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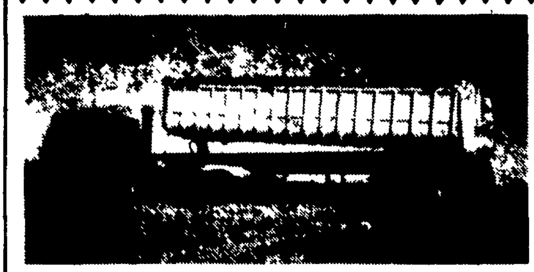

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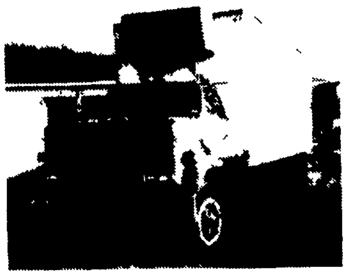
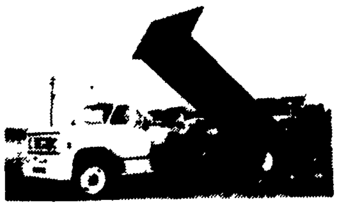


'83 Chevy 20 Ft. Reefer, 3208 Cat, 210 HP, 5 & 2, With Lift Axle



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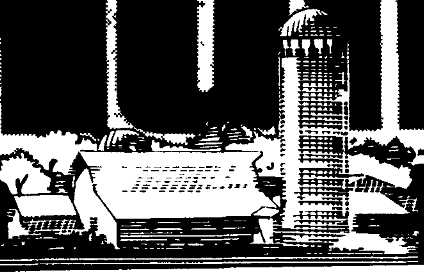

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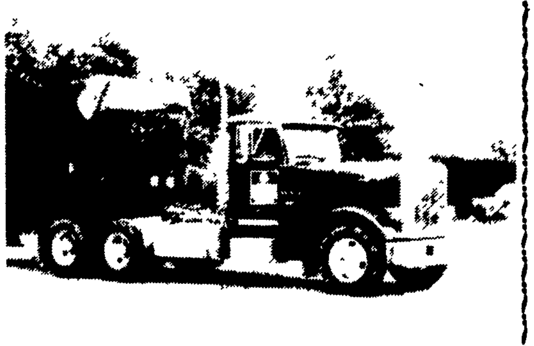

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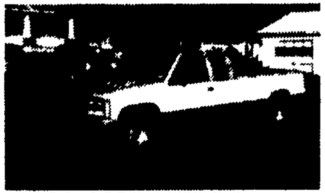

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1500 Extended Cab, 305 EFI, Auto, PS, PB, Air, AM-FM Cass. St., 6200 GVW, 23,000 Miles, Blue & White, Ex. Cond.
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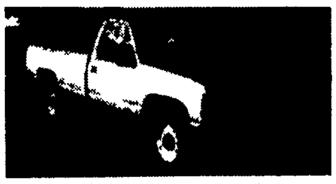

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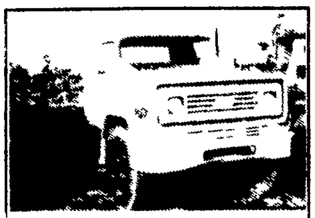

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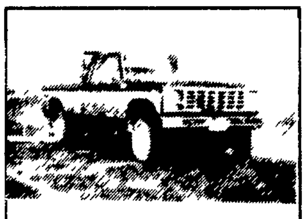

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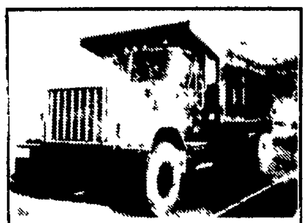

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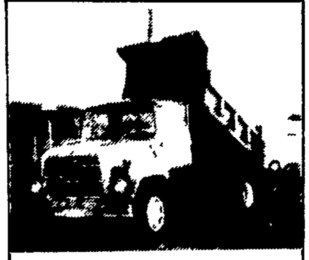
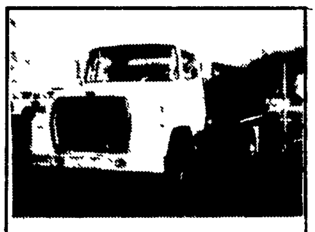


'85 FORD LN700
205 HP Diesel, 5/2 Trans , 28,000 GVW, New 10 Ft. Dump Body



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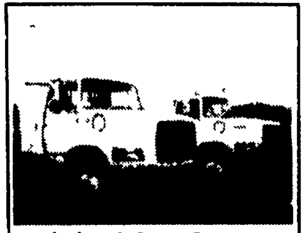

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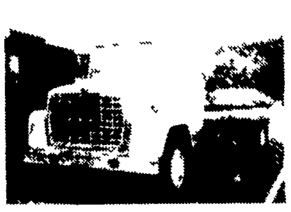

'85 FORD LN700D CAB & CHASSIS
205 HP Diesel, 5/2 Trans., 28,000 GVW

'85 FORD LN-700D
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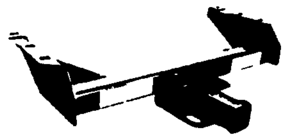

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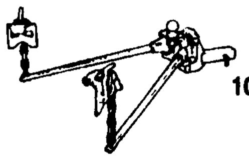

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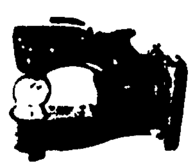

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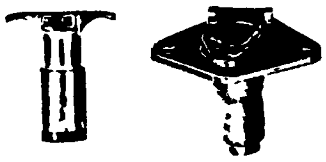

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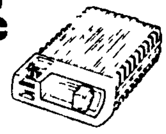

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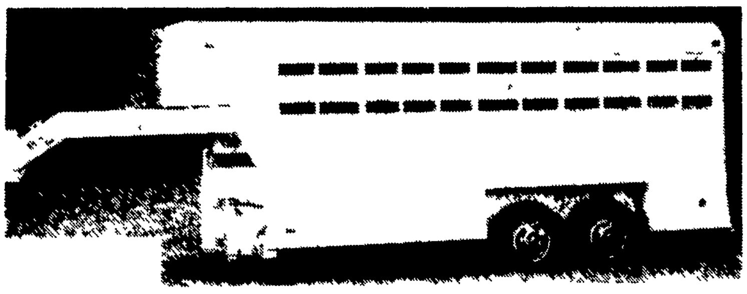

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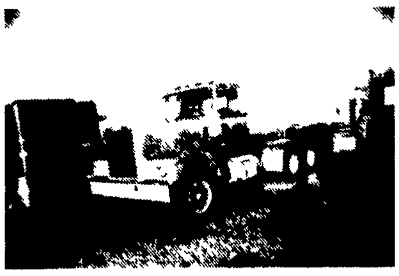

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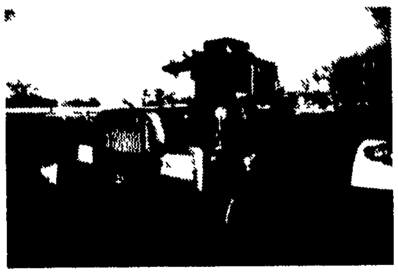
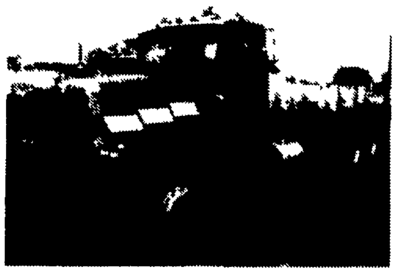


1979 MACK, R686S, 300 HP, 6 Speed, 34,000 Lb. Differential, Hvy. Duty Susp., Camel Back, PS, Air Ride Cab, Complete Wet Line, 20" Spoke



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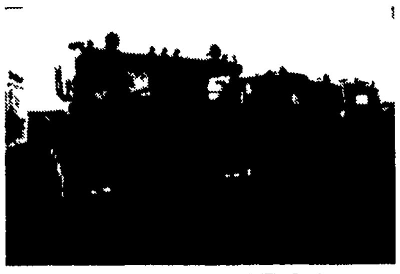

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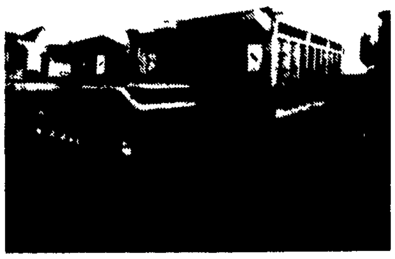

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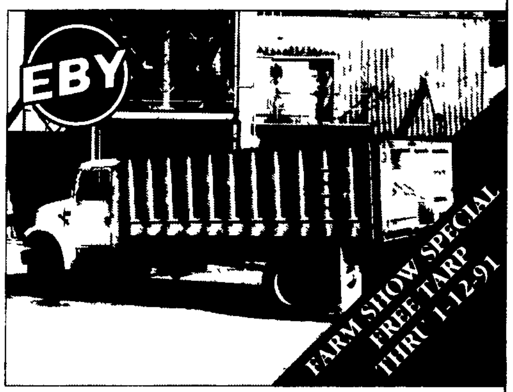

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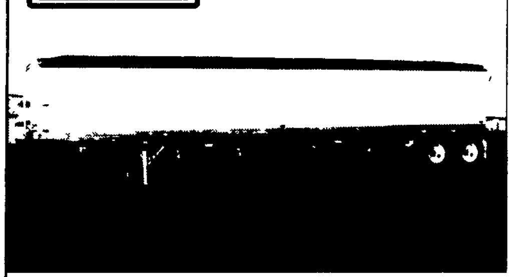

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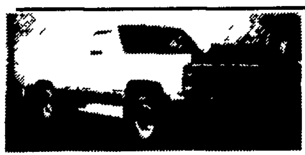

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FARM SHOW SPECIALS

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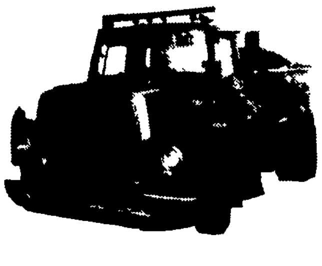
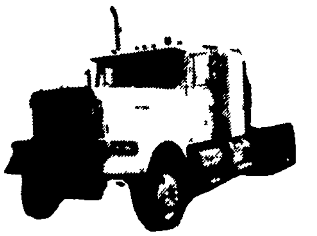


85 Ford LN8000 18' C&C 3208 Cat, 5&2, Air Brakes, 35,000 GVW **Reduced $13,900**

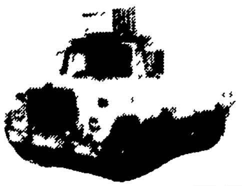
85 IHC 2375 S.A. Tractors NTC L10 (240 H P), 7 Spd , P/S, A/C, Full Fairings, (3 Available) **$15,500 Ea.**
85 Ford S A Tractor Also Available.



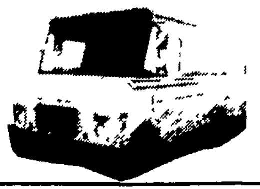
84 Frt/Lnr T.A. Conv./Sleeper NTC 350, 9 Spd , P/S, A/C, Very Clean, Reliable Equip **Selling $17,500**

85 IHC 1954 22' Van DT466 (210 H P), 5&2, P/S, A/C, Air Brakes, Custom Interior, 32,8000 **Extra Special $16,500**

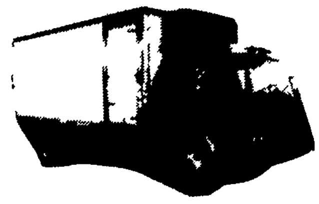
84 IHC 1654, 14' C&C 6.9L Diesel, 5 Spd , Hyd Brakes, 21,500 GVW, Freshly Painted (White) .. **Extra Nice $5,500**
Nice Selection Of Other C/C's Available.



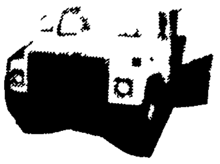
84 Ford LN7000 17' Reefer With T.K. Unit 3208 Cat, 5&2, Hyd /Air Brakes .... **.Produce Haulers Look $9,900**



83 Chevy 13' Curbside Deliv. Step Van, 6 2L Diesel, 4 Spd., P/S, Grumman Olsen Alum. Bodies, 10,000 GVW. ...... **(2) Selling $4,000 Ea.**
Several Ford Hi-Cubes Also Available.



85 Hino FG Econo 18' Reefer With T.K. Unit 6 Cyl. Turbo Diesel, 9 Spd., Air Hyd Brakes, P/S ..**Selling $9,900**



85 IHC 20' Flatbed DT 466, 5 Spd , Hyd Brakes, 25,000 GVW, Freshly Painted. ... ...**Selling $9,500**
83 IHC 24', 33,200 GVW Also Available

(6) 85 Frt/Lnr T.A. Conv. 350 Detroit, 9 Spd., 4-Spring Susp., P/S, A/C, SOme With Eng. Brakes, Clean Nicely Spec'd Trucks....... ... .**$15,500 Ea.**

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35 TRUCKS & TRAILERS

1970 Int. 1800 w/14' grain body dump, tarp, 27,500 GVW, good tires, engine needs work, 5/2 trans $1800. 215-968-5868

36 REAL ESTATE

10 Acre Farmette, new 34x42 barn with 4 box pens and hang tobacco, shop, 4 bdr., remodeled house, creek through pasture, good soil, other out buildings, Montour County Ira Z Stoltzfus, RD-8, Box-16, Danville, PA 17821.

254-Acre Farm near Crossville, TN, 60 cleared acres, house, barn, 40x130 farm building, good water wells, pond, gas well on property with free gas to building. Creek runs through farm. $150,000 Contact Gilbert Young, Rt 1, Box-68, Deer Lodge, Tennessee 615/965-3416.

2 bedroom home, fireplace, septic, drilled well and several small buildings on 8½ acres wooded land. Excellent hunting area. $25,300. Andrew E. Mullet, RD 2, Box 52, Woodhull, NY 14898.

Farm for sale: 50 acre farm located 1 mi. outside Mifflinburg in Union Co. 30 acres tillable, 5 acres wooded with creek Large 4 bdr., 3 bath house in very good condition. Large bank barn in good condition. New 40'x72' heated floor shop with a 16'x14' overhead door. Terms by owner. 717/966-0676.

FOR SALE: 143 acre Mifflin Co. Dairy Farm w/ stream, 112 tillable acres, 13 year old block 1 story 40 tie stall cow barn w/Patz stable cleaner, 2" pipeline, bank barn w/bunk feeder for Heifers, 18x65 concrete stave silo, 20x28 Harvestor, 13 old 3BR bi-level house. Call 717-899-6787.

FOR SALE BY OWNER 105 acres mountain land. Located in Franklin Co. near Dry Run. Remote, good access, exceptional deer and turkey hunting, electricity, spring water, old house, $100,000. Call (717)349-2393 or (717)349-7752

FOURNIER REAL ESTATE
St Lawrence Valley: All Types Real Estate. Dairy, land, hobby farms and waterfront. Bradley Love, Salesperson. RR2, Box 274, Gouverneur, NY 13642 315-287-2234

For Lease 143 Acre dairy farm, 42 free stall sleeper, necessary buildings, 4 stall Surge milk parlor. 704/492-5390

For Sale: 5 Acre Farmette, complete with buildings, stream, pond and a small business grossing $70,000 a year. Reason for selling is, we bought a farm. $50,000 or best offer. Call 717/933-8541 Luke Martin.

Juniata River Lots· 1-3 acres, Lewistown, PA Owner financing. Existing Home Values $75,000 to $130,000. 717-248-3973.

LYCOMING COUNTY: Adjacent State Game Land and PA Fish Commission. 65 acres w/50 unit travel trailer park, overlooking 365 acre lake. Excellent fishing, hiking, hunting area. 12mi North of Williamsport PA. Excellent opportunity for semi—retired and ambitious couple who wishes investment opportunity w/recreation. $175,000/Terms. BIG WOODS LAND CO. 717-769-6445.

Poultry Hog Farm by Owner: Approx. 100 acres in Snyder Co. Hog farrowing for 80 sows, chicken broiler 60,000+ capacity. Quick possession. Raymond Hommel 717-658-7161.

62 acre 4 BR home, bank barn impl. shed, large stream & private. Along RT 75N of Exit 14, PA Turnpike, Franklin Co. Century 21, ALL-TOWNE REALTY, Ronald L. Richards, Realtor (717)485-3154 or 4103

66 Acres, Western Berks Co., PA House, barn, sheds, silo, large pond, nice location. $249,000. Pieller Realty. 215/693-5624.

80 acre farm, Sullivan County, Pa., 45 tillable, stream, pond, lovely 5 bedroom house, butcher shop, greenhouse, 40x78 bank barn, hog barns, 34x48 pole building, large garage, more. $179,500 (717)746-1497.

Bradford Co., PA: 4 bdr. house on 40 wooded acres with pond, 16 Acres of wooded land 717/394-8775

CLINTON COUNTY Adjacent Bald Eagle State Forest. Hard road frontage, easy access from 3mi I-80, 24.38 acres, sub-divided 6 parcials, perk approved w/ electric. Generally flat, open fields, orchards and woods. Excellent deer, bear and turkey area $50,000/Terms. BIG WOODS LAND CO 717-769-6445

FARMS WANTED Are you planning on buying, relocating or selling your farm or land(s)? Give the experienced people at HEYWORTH REALTY a call. We are QUALIFIED & EXPERIENCED in farm/land sales; and have all types of farms for sale. For information call or write: Lawrence Stouffer, HEYWORTH REALTY, 1300B Dual Hwy, Hagerstown, MD 21740 301-733-3701 Day; 717-597-2584 Eve.

CABIN FOR RENT

Mountain Cabin McClure, Pa., Mifflin County on 315 acres, utilities. Great for families, hikers, turkey, bear & deer hunters $150/Weekly

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155 Acres for only $1,900+ per acre, stream, wood, barn, pond and country home.

Call Dave Sites at
Sites Realty, Inc.
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WANTED. PA dairy farm rental, buy 2 ambitious dairymen, 60+ cows, 100+ acres, possible purchase option. (201)735-6274

WANTED TO RENT· Young Mennonite family looking for 40 to 50 cow set-up in Lancaster or Chester Co. Must have house available Needed for Spring 1991 Call 7-9 Morning or Evening 215/869-9627

WANT TO RENT OR LEASE with option dairy farm, must have house and good facilities 717/789-4052.

Union County
83 Acres, M/L all tillable Exceptional 6 BR log house, bank barn and large metal buildings

Snyder County
170 Acres, M/L 100 acres tillable fertile creek bottom land. 2½ story, 4 bedroom home, bank barn, exceptional operation

80 Acres, M/L 57 tillable, 2½ story, 5 bedroom home, bank barn, pond, fruit orchard, horseman's delight.

15 Acres, M/L, 2½ story 3 BR home, barn, pond, woods and pasture. Ideal for horses. $78,500

RE/MAX
Integrity
Real Estate
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DELAWARE FARMS

160 ACRE FARM
94 tillable, house and buildings, near Sandtown
$256,000

89 ACRE FARM
79 tillable, house and buildings, near Burrsville $265,000

77 ACRE FARM
53 acres tillable, old house, near Sandtown
$105,000

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being built for Spring 1991 opening. Located North of Lebanon along Route 72. Formerly Horst Peach Orchard. For rental spaces call (717) 865-3226 or (717) 270-4947, ask for Paul N. Horst.

— FARM FOR SALE —

125 Acre farm located in Lycoming County near Williamsport, Pa. River bottom soils with approximately 90 acres tillable. Buildings consist of two dwellings, main barn with milking parlor, five Harvestore silos and an all metal equipment shed.

Call Bob Jones at
717-523-1201

LYCOMING COUNTY DAIRY FARM
410 Acres, 225 tillable, 125 pasture. Complete operating Dairy Farm. 175 freestalls with all the accessories.
Call Harry Zimmerman
Office: 717-299-4885
Home: 717-355-2048
Car: 717-575-2542
TOWN & COUNTRY REALTY

Modern Hog Operation For Sale By Owner

Attractive Farm in Central Delaware. 68 acres with 46+ tillable. Ranch home, outbuildings, grain bin, hog operation only 2½ years old, 175 sow farrow thru feeder pig. Call for more details. Contract available to qualified buyer, using Pic Genetics. No Sunday Calls. Farm in Amish Settlement.

Price Reduced
Ph. 302-734-8497

27.6 ACRE FARM

Located between Ephrata & Reamstown 35x40 sandstone barn with horse stalls, also tobacco shed, corn barn & other buildings, 2 story house w/big front porch. Priced at $245,000. Call Now For Details:

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Franklin Co.- 15 minutes North of Exit 14 - PA Turnpike then North on Rt. 75. 62 acre farm with barn, impl. shed and lovely 4 BR home. Large stream. Many other extras! Private but not secluded. Priced to sell!!! M-448 $189,000

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PLEASE CALL:

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RONALD L. RICHARDS
HOME (717) 485-3154 or
(717) 485-4103

Call
Ron Richards

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ALL-TOWNE REALTY
1053 Lincoln Way East, Chambersburg, PA 17201
(717) 267-0707

FOR INFORMATION ON THE PROPERTIES LISTED BELOW

PLEASE CALL:

AGENT
RONALD L. RICHARDS
HOME (717) 485-3154
or
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Call
Ron Richards

Big Cove Tannery- Mountain Setting. 3 BR ranch on 2 acres, good stream & state lands adjacent. A-384 $54,900

Franklin County. Waynesboro area- very nice 3 BR remodeled older home in country A-435 $57,500

Fulton County- Near Needmore. Nearly New 3BR rancher on mt top Easy access - beautiful views. A-364 $73,900

Fulton County. Large 3 BR older home - still original. Awaiting you, in small village of Hustontown. M-418 $38,000

Fulton County. Elegant 3 BR ranch - immaculate condition, all conveniences nearby. A-397 $74,900

Fulton County. McConnellsburg - Walnut Street. Beautiful reconditioned 3 BR, quiet section of town. Excellent to retire in. M-405 $53,900

Franklin County. Investment opportunity of a lifetime. 7 unit brick apt. house. 18% return Owner motivated to sell. Don't miss this one!! A-398 $99,950

Bedford County. Beautiful mt. top stone 3000 sq. ft. home overlooking 3 states acreage A-282 $179,500

Fulton County. Near Huntingdon County/Fulton County border. New 2 BR cottage, nice view, large deck, full basement, private. M-443 $37,900

Fulton County - Needmore, PA. Beautiful 3 BR remodeled older home on 2 acres, large workshop and pool. M-434 $99,500

FULTON COUNTY- We have several parcels of land ranging from 2 acres to 300 acre parcels for sale. Call for spec sheets.

CHESTER COUNTY

152 acres, approximately 80 acres tillable. Previously a hog operation. Zoned light industrial or residential. One of the best values in Chester Co. Owner will hold first or second mortgage to qualified buyer.

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(215) 687-2900

BERKS COUNTY DAIRY FARMS

- Lake Ontelaunee: 143 acres with 2 brick homes, barn, and other outbuildings, secluded homesite, great for horses, $450,000.
- Route 419: 153 acres with beautiful stone home, barn, pond, and other outbuildings, subdivision possibilities, call for details...Price Reduced

EAST PENN REALTY, INC.
(215) 944-6300

FARMS
CUMBERLAND COUNTY

Hog and Beef Farm 1200 head hog growing operation with contractor, bank barn w/additions, 16x70 silo unloader, conveyors, 80' feeder, 78 Ac limestone soil 4 bdr. dwelling Call Charles or Wib

Dairy or Possible Development 61 acre limestone soil, no milking equipment, 16x60 silo w/unloader, 4 bdr brick dwelling. Call for more details.

Charles Wenger, GRI, 263-0945
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

Invest In Land Or A Farm
WILLIAMSPORT AREA

-**3 acre building site** - fabulous view. $19,500

- **6 acre** open & wooded homesite $29,900

- **76 wooded acres** bordering state land & rustic cabin $85,000

- **90 acre farm,** new dairy barn, 2 homes, private setting $225,000. terms.

- **109 acre** recretational or residential property - fine home, stocked stream, beautiful woods. $132,000. Division & terms possible.

- **197 acres** tillable, woods, stream, old farmhouse $240,000. Will divide

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(717) 584-4641 eve.

POULTRY FARM FOR SALE

50x300 Poultry Barn, 2 story,
4 Years Old and With Bank Barn.
Included. Restored 5 BR Farm
House Located on 10.9 Acres In
Mt. Joy Area. Please Call:

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717-393-9791 Lancaster Office
717-757-3812 York Office

185 ACRE
PERRY COUNTY FARM
-165 Acres Tillable-

1829 4 BR brick house - 4 fireplaces, Stone spring house. 55x100 bank barn, 30x36 barn, 20x60 concrete stave silo with unloader, garage, shop, grain storage. Priced under $2000 per acre.

CALL 717-536-3576
Eves. or Sat.

INVESTMENT OPPORTUNITY Appealing complex of restaurant, 8 rental units and residence situated on over 3 ac of trees on Route 6 in the Pine Creek valley Currently operating and fully equipped. Ideal location gives access to skiing, fishing, hunting and boating. The Grand Canyon, lakes, parks, forest and game land in close proximity. Call for details. $225,000 W-552.

MAKE YOUR ESCAPE to 17+/- wooded acres in great recreational area. Some building sites, stream running through. Priced right at $17,000. W-640.

SMALL FAMILY? How about considering this 3 BR Cape Cod with big 2 car garage? This could really meet your needs Less than a mile from Wellsboro. Call now $59,900. W-654.

PINE CREEK AT YOUR FRONT DOOR. No comparable location on Pine Creek Fish, boat & swin from your property. Walk to state lands for hunting 2 BR mobile in excellent condition. Ideal as camp or permanent residence Just listed at $38,900 W-667.

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ESCAPE TO THE COUNTRY. 45 ac. w/septic, well and elec. 38 ac-woods, 7 ac-open. $55,000. M-366

DEVELOPERS!! Look at this 49.5 ac as poss. subdiv or MH part. Poss pond sites, spectacular views. Perc needed. $1,350/ac-yours for $66,825. Call today. M-390.

BRADFORD CO. Large home on Route 6, 4 BR, 2 ba & 3 wooded ac w/nice pond Very nice setting. $84,900. M-422.

SPACIOUS 6BR beauty. Parlors, widow's watch, barns and 10 ac. $72,500. M-435.

VACANT 2-sty older home, well maintained. 3 BR, 2 ba, 2-cr gar, nice lawn Appliances incl. $31,500. M-449

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- 11 Ac. house & pole barn, Amish $73,900
- 28 Ac. mod & mobile horse barn $95,900
- 45 Ac. timber, 4BR house $128,900
- 67 Ac. 4 BR house, barn, 38 till.$125,000
- 31 Ac. Hog Farm, 4 BR house$150,000

FOR SALE BY OWNER

28 ACRE FARM

Large bank barn, other outbuildings, large 3 BR home with modern kitchen, living room and dining room 600 ft highway frontage, near river Luz Co

$98,000
Call
(717) 759-0921

$385,000 working beef and crop farm,

located in Seven Valleys, PA. Large brick home, 40x100 bank barn is only one of the many out buildings all in good condition. 85+ acres tillable, 35+ acres, pasture w/stream and new high tensil fence. Subdivision possible.

Call for appointment today.

Century 21 Colton and Assoc.
at 1-800-762-3896.

105 ACRE SNYDER CO. FARM

Neat 2 story 4 BR brick house in good condition. 97 acres in high state of cultivation. Bank barn, several equipment buildings, corn crib. Strong water supply. Artesian well. 2 springs w/pond site. Good location for your new broiler or turkey operation. Priced under $2,000 per acre. Spring possession.

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BEAUTIFUL 33.8 ACRE horse farm located in Rapho Twp., with a quiet country atmosphere. 17 acres pasture, 14 acres tillable and 2 acre pond, 2-story bank barn with indoor arena, 12+ box stalls, tack & wash room, 2-story barn with work shop & 2 garages, tobacco shed, milk house converted to coffee room with ½ bath, 5 paddocks, one half mile track. Modern 2-story farm house, 3 BRS, 1½ baths, DR LR w/ fireplace & woodstove insert. Give us a call for your private showing & for more details.

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FRANKLIN COUNTY

77 Acre M/L Dairy Farm, 46 Tie Stalls, Pipeline, Milker, 1000 Gal. Bulk Tank, Two Silo's Dry Cow Barn, Calf Barn, House (NR) & Mobile Home. Ask for Ed Meyer for Details and Free Brochure.

$192,500

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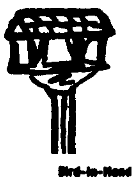
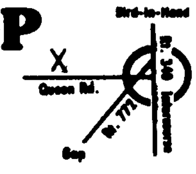


MANNIE'S WOOD SHOP



58 QUEEN RD.
GORDONVILLE, PA 17529
(¼ mile S. of Intercourse)

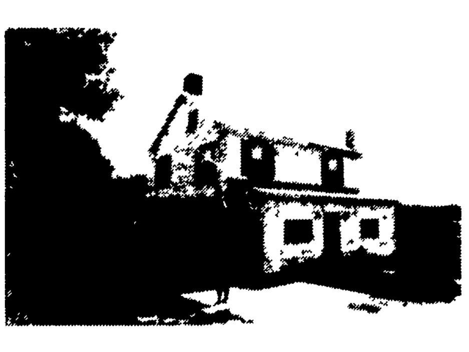
Come & See Our Inventory On Display

CUMBERLAND COUNTY

119 Acres, limestone soil, 6 B/R house, barn & outbuildings.
$580,000

6.5 Acre Horse Farm two story home, 4 stall horse barn w/storage.
$93,500

Farm Supply Store w/showroom, office, garage & storage. Corner lot.
$169,900



10 Acre Steer or Horse farm. Barn, paddock area, pasture w/water.
$120,000

GARMAN REALTY
96 Alexander Spring Road,
Carlisle, Pa.
(717) 249-7200

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Fields
Real Estate

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Lewistown, PA 17044	(717) 248-3904 FAX
JUNIATA CO. OFFICE	(717) 436-8839
SNYDER CO. OFFICE	(717) 374-8106

WE ACT AS LOCATORS FOR FARMS AND LAND

F302 - Mifflin County - Ferguson Valley - PRICE REDUCED $250,000 $225,000 131 acre dairy farm, ideal for beef Pipeline, bulk tank, earthen manure storage pit, 3 silos, 72 free stall barn and 20 heifer stalls. 80 acres production land and balance woodland and farm site with 2 houses (2 story farm house 4 BR and a 4 BR ranch house, 2 baths, solid oak kitchen and stone fireplace in large family room, living room and dining room).
Adjoining land for rent on long term lease.
85 acres of ridge and mountain land adjoining farm available $50,000. Dallas Will, Farm & Land Specialist - Ofc 717-248-5451, Hm (717) 543-5685.

H101 - Huntingdon County - Porter Twp, 152 Acre dairy farm with 98 free stalls and double six milking parlor 4 c.s silos and 1 trench. Good soils, partially flat and partially rolling Road frontage. Rental land available An outstanding 12 room early american mansion house You must see this one. Call Rachel Port Home (814) 669-4194 or Dallas Will, Farm and Land Specialist, Office (717) 248-5451 or Home (717) 543-5685.

F201 - Snyder County - 144 acre Christmas tree plantation, 90,000 premium Douglas Fir and Blue Spruce Trees. Minimum of 10,000 7' Douglas Fir can be harvested this year. Call George Harrison - Office (717) 374-8106 or Home (717) 672-9127

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MEMBER OF LOCAL MULTI-LISTS

DRAMATIC PRICE REDUCTION FOR QUICK SALE

Seller has purchased large farm out of state.

Huge Stone House - 7 bedrooms, 3½ baths, large bank barn and workshop, large farm pond, all on 8 acres (more land available) Near exit 21 of PA Turnpike.

LANCASTER COUNTY DAIRY FARM

(Close to Chester Co. Line)

120 Acre Dairy Farm - choice soils - topography suitable for many uses. 56 comfort stalls, 19 free stalls. New 1500 gallon milk tank. 4 silos, manure lagoon, new heifer barn, 2½ story stone house w/ modern facilities, 4 bedrooms, 2 baths, attached garage, etc.

ALSO:

Chester Co. - "Horse Country"

53 ACRE MODERN DAIRY w/50 comfort stalls and gravity flow manure system - pipeline - bulk tank - 3 silos, etc. Large Farm House 6 BR Modern kitchen and 2 baths - big pond - must see!!!!

CALL TODAY FOR DETAILS ON THESE AND MANY OTHER FARMS

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Your Central PA Farm Broker

Smoketown, PA 17576 (Lanc. Co.)

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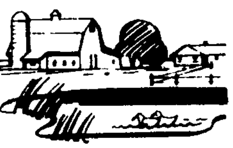
FARM & RURAL PROPERTY DIVISION



CENTRAL PENNSYLVANIA FARMS AND FARMETTES

CENTRE COUNTY

#4823FA -GENERAL FARM SPRING MILLS AREA $229,500

- Approximately 130A, 35A tillable, 65A pasture, 13A woodland, 15A steep land and brush, 2A site area.
- 2½ story brick home built in the early 1800's ideal for restoration, summer kitchen, 2 sound implement sheds, corn crib and a sound foundation for another building.
- The house is ideal for potential use as a bed and breakfast There is substantial frontage on Penns Creek and approx 83A of the land has outstanding views of Penns Valley. This farm also has substantial subdivision potential.

#2473 FB GENTLEMAN FARM, STATE COLLEGE - $350,000

- 26 Acres - 24 Acres highly productive, tillable plus 2 acres site
- 2½ story brick house with 3 finished floors and new cherry kitchen, and 2 story bank barn
- Ideal for horses, only 3 miles from town

#3637FA-GREENHOUSE OPERATION CENTER HALL AREA $164,500

- 7 22 acres substantial road frontage on Route 144, substantial Sinking Creek frontage
- Approximately 10,900 square feet of greenhouse area plus headhouses and a sound 2½ story home
- This business has a very well established local trade approximately 14 miles east of State College This property has been well cared for and is in good condition

HUNTINGDON COUNTY

#3621FA - GENERAL FARM, WARRIORS MARK AREA $310,000

- Approx. 371 Acres (131 acres tillable, 218 acres woodland suitable for clearing, 2 acres site, 20 acres woodland & misc)
- 2½ story house w/most rooms remodeled.
- Soils on tillable land are primarily Hublersburg silt loam & Morrison sandy loam. 218 acres of woodland suitable for clearing & farming are mostly Hublersburg silt loam, 2-8% slope Hublersburg & Morrison both have excellent productivity potential.

#134 FA - RIVER BOTTOM LAND - ALEXANDRIA AREA - $99,500

- 55+ Acres (45.6 tillable, highly productive)
- Ideal for truck cropping and irrigation
- Situated in an excellent location for direct (roadside) marketing

LYCOMING COUNTY

#3493 FA GENERAL VEGETABLE OR DAIRY RIVER BOTTOM FARM - WILLIAMSPORT - $175,000.00. Available w/Farmette Below For $200,000 TOTAL

- Approx. 112 Acres (89 acres tillable, 16 acres pasture. 7 acres site & miscellaneous)
- 2½ story frame house, barn w/milking parlor, free stall barn 2-20x60 & 2-20x30 Harvestore silos 42'x96' implement shed w/shop area 40'x60' retail sales building.
- Highly productive, river-bottom land, Susquehanna river frontage for irrigation. Good growing season. Available with farmette below.

#3493 FA FARMETTE, WILLIAMSPORT AREA - $69,500.00.

- Approx. 10 acres (7 acres tillable, 3 acres site)
- Comfortable 2½ story brick farmhouse, 2 story bank barn, garage, 20'x50' Harvestore silo
- Situated in a rural area close to Williamsport

DETAILED BROCHURES ARE AVAILABLE FOR EACH OF THE LISTINGS ABOVE. MANY 10 ACRE TO 400 ACRE WOODED TRACTS AVAILABLE IDEAL FOR CABINS AND HUNTING - FREE LISTS.

So. Northumberland Co. & Surrounding Counties

20 acre farmette, large 4 bdr. home in good repair, large bank barn, machine sheds, drive thru corn crib Rent Option or No Down.

Large diversified operation.

Hogs, cattle, layers, modern buildings w/ manure pits, large machine sheds & shop, 2 good homes & trailer pad. 174 acres, 155 tillable. Possible Owner Financing. $325,000.

160 acres, no buildings. Timber, farmland & streams Can be divided $1,500/acre. Owner Financing Available

86 acres, 4 bedroom log home & well maintained trailer. 30 acres farmland, balance wooded. $100,000.

Snyder County: 3 acre farmette, 3 bdr. 90 year old home-in excellent condition, 1½ baths, fireplace, in-ground pool & barn. Beautifully landscaped. Located on a side road. $155,000.

300 steer feedlot, 3 Harvestores, 8 acres newly fenced Owner financing. $77,000.

20 acre farmette, 4 bedroom home, nice barn, plus outbuildings, stream & large pond. $139,000.

75 acres level prime farmland. $150,000.

300 acres approved sub-division, city sewage Excellent owner financing possible. $900,000.

140 acres dairy farm w/64 modern stanchion barn, heifer barn, 2 Harvestores & 1 stave silo. 3 bdr. remodeled home, private, excellent location. $600,000.

100 acres, 60 tillable, 25 pasture, balance wooded, streams, no buildings. No Down or Rent Option. $140,000

47 acres, mostly clear farm land, stream thru, excellent for Christmas trees. No Down or Rent Option. $69,000.

PETER B. **CORTELYOU**

Real Estate Herndon, PA 17830
Peter B Cortelyou, Broker 717-758-9177

CENTRAL VIRGINIA

374 acres, cattle and grain farm, numerous outbuildings, large lake, $400,000.

308 acre cattle farm, brick rancher, wooded knoll overlooking farm, 166 acre open, nice timber, 5 acre lake, several barns, long road frontage, 5 minutes from town $335,000.

Great buy on 39 acres, 25 pasture, large brick rancher with walk out basement and car port, 5 BR, 3 baths, large shop/barn, lake site on spring branch $185,000.

254 acre grazing farm, several barns, branches, large lake site $267,000.

Picturesque 448 acre cattle farm, 285 acres of good grass land, brick rancher with finished basement, numerous out buildings, 2 lakes and much more. A bargain for $550,000.

Other large and small tracts
Contact: Mike Lafoon
Coldwell Banker
Lafoon Realty Inc.
720 Oak Street
Farmville, VA 23901
Office 804-392-6191
Home 804-392-4375

THE REAL ESTATERS OF MANSFIELD

1671 S. Main St., Mansfield, PA 16933
(717) 662-2138 Evening - 662-2363

LYCOMING COUNTY FARM

23.65 acres and bldgs. just south of Liberty, PA. 3 former, 1 story chicken barns in good condition. Would convert to 16,192 sq. ft. of storage. At $35,000 value thats just $2.16 p/sq. ft.! Good 2 story, 3 bdrm, 1¾ bath home w/attached 2 car garage. Total package just $89,900. M-716.

NEW FARM LISTING

Set up for 61 mature holsteins on 2" s.s. pipeline, 1,000 gallon tank and 5 Surge units included! 18x55 stave, 20x28 high moisture and 20x70 Agristore silos w/ unloaders. 132 acres included w/rental land available. 2 story frame, 5 bdrm, 2 bath home remodeled down. Recently priced at $163,500. Reduced to $153,500 w/immediate or Spring possession! 18,000 pound herd also available. M-788.

DAIRY, BEEF OR HORSE FARM!

Minutes to Mansfield from this approx. 154 acre farm. Borders paved twp. gravel roads. 2 barns, one set up for 40 cows w/ pipeline, bulk tank & milking equip. included. 14x50 silo. Stocked farm pond & stream. 2 sty. 8 rm., 4 bdrm., 1½ bath farm house. Just $139,900 Additional 34 acres avaialble for $17,000 M-800

VIRGINIA MOUNTAINS

OLD MOUNTAIN FARM - 95 ACRES of mountain pasture and forest on paved road. Old two-story farmhouse and log barn. Good water from spring and stream. Nice views from elevated site(s). Great hunting area. Recent selective timber harvest. **$78,500**

For details on this or other farms & land contact

James Wm. Moore Real Estate

32 South Main • Lexington, VA • 24450 • 703/463-7080

OPEN SUN. 1-4

WRIGHTSVILLE
RD 11 Wallick Rd.

$129,900 - Seclusion w/convenience on this 6.7 acre farmette. Centered between York & Lancaster. Features 3 BRS, 1 full bath, separate DR, one of a kind 1st floor family room w/split rock FP, full basement & 2 car garage. 4 other outbuildings, great for horses or other farm animals. (008312)

Directions: US 30 E, exit at Wrightsville, turn L, to 1.7 miles, L. on Wallick Rd, ppty on R. Call 757-7811.

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The Home Sellers.

LANCASTER COUNTY POULTRY FARM

10.7 Acre Poultry Farm in full operation with all equipment included. Approximately half wooded. 3 Chicken houses equipped for 20,000 chickens. Features: 4 Bedroom home, 3-car garage. Well kept property with attractive setting. Adamstown.

Call Shirley or Wilmer Musser
at 717-738-1686 or
717-656-3716

RE/MAX

Hometown Realty
An Independent Member Broker

BEAUTIFUL FARMETTE

On +/- 10.290 Acres. Split-level, 4 bdr. house w/large living room. Exceptional views surround this lovely parcel! Two barns: (1) small barn orginally used for milking small herd of dairy cows and (1) large pole barn for hay storage, horses, etc. Located on a paved State Road, within 6 mi. of Mansfield University, perfect for a horse farm, small dairy operation or retirement farmette. House only 20 yrs. old, $95,900 Firm.

Also, within ½ mi. of this farm is an additional +/- 30 acres, to be used specifically for agricultural or recreational use with roughly 25 acres of tillable pasture and 5 acres of woods, this parcel will make a superb addition to the farmette. $29,900

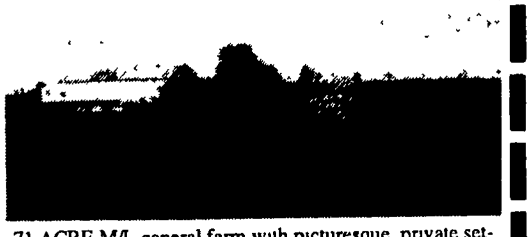
You must see these two parcels to appreciate them. Call today to set an appointment to see your new farmette!

WILKINSON DUNN CO.
113 W. Main St. Elkland, PA 16920
814/258-5127
David S. Cox
Pamela M. Cox 717/376-2184

Delightful rural combination of nearly 200 acre dairy farm with prosperous small town restaurant. With all barn and food service equipment, this package offers nicely laying, fertile tillable acreage, farmhouse, 60+ cow barn with pipeline, three silos, three mobile home sites, pond, a handy setup with two profit centers.

BEARD REAL ESTATE
403 E. Main St., Elkland, PA 16920
(814) 258-7117
Eric L. Beard, Broker
Mary C. Heitzenrater,
Sales Associate

BERKS COUNTY



71 ACRE M/L general farm with picturesque, private setting. Ideal for vegetable farm, Christmas tree farm, horses, steers, or sheep. We invite you to inspect this fine property to consider the possibilities. ASK FOR Ed Meyer for details and free brochure.

~~$250,000~~ Price Reduced To $235,000

Jack Gaughen Realtor
1068 Harrisburg Pike
Carlisle, PA 17013
717-243-8080 Office
717-243-1030 Home

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36 REAL ESTATE

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County
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100+ Hogs
Pond Good
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& Assoc.

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FARM DIVISION
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Annville, PA 17003
717-867-4487

Call
Debra J. Carroll
at 274-8354

"APPLE & PEAR ORCHARD"
Pine Grove Penna.
$385,000

98 acres fully equipped, 50x80 controlled environment storage building, 40x60 packing house, tray pack line, irrigation equip , includes tractor, sprayers, almost everything stays, three living quarters Small cottage, mobile home and modern apartment above the packing house, ask for brochure

Call Nelson Eberaole
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COLUMBIA COUNTY
- 350 Acres Steer or Horse Farm, on Gently Rolling Land, Good Alfalfa and Corn Ground.

....45 Acres Consists of 4BR, Modern House with Wood and Vinyl Siding, 2-Pole Sheds, 24x80, 38x80 Quanset Shed 40x90, 1-Story Barn 250x44 with Milk House Attached. 2-Silos. $230,000.
Remainder of Land $2500.00 Per Acre.
Must Buy as Least 12 Acres. Lots of Road Frontage. Price Negotiable.

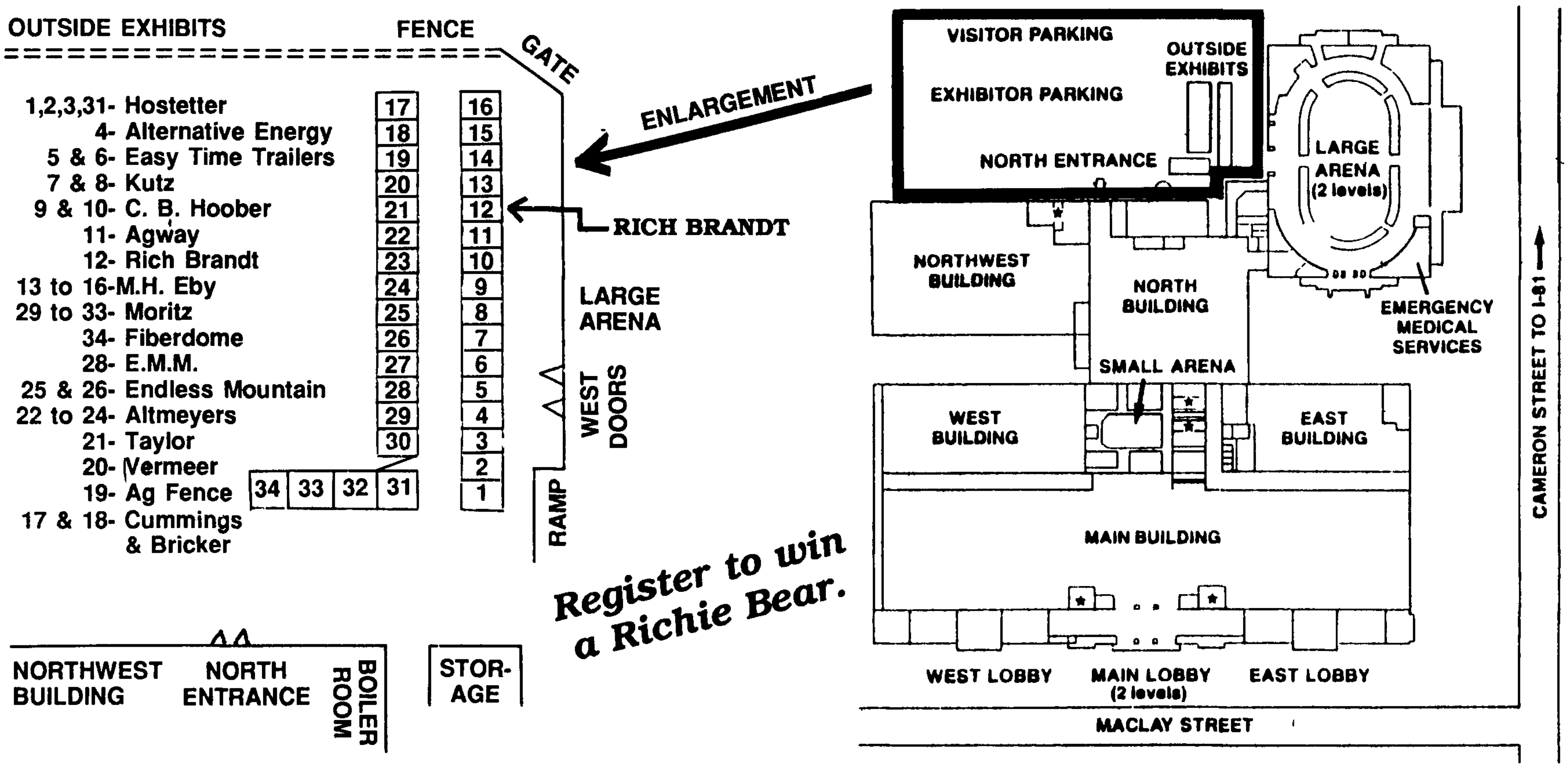
CLEARFIELD COUNTY
- In hunting area, 2 story home, vinyl sided, 4 BR & bath, kitchen DR, closed porch & sun deck, attic & basement, $26,000.

SCHUYLKILL COUNTY
- 234 acre woodland tract, joins state gamelands, borders Rt. 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000. Additional roadway available at extra cost.

TIOGA COUNTY
- 20 acres and 30 more available 200 veal calf set-up with slurry system, with all modern equipment and storage space for everything necessary. 4BR house, frame log and stone 10 years old, 2 baths, $298,000.

BRADFORD COUNTY
- 400 Acre Dairy Farm, 280 tillable, 60 pasture, balance woods, pond, large 17 room home w/3 car garage, 71 stall barn w/pipeline, 800 Gallon tank, barn cleaner, 2 sealed silos, 20x60 and 24x82 and 16x50. A 2½ story home, 39 stall barn and 14x40 silo. $400,000. Cattle and machinery available at extra cost.
- 200 Acre Dairy Farm, with large 5 bedroom Victorian home sitting on a knoll, surrounded by 200 year old trees, excellent condition, pond & stream, 2 newly reconditioned Harvestore silos, 18x60 concrete silo with newly rebuilt unloader, new slat troughs in barn, 57 cow dairy barn & some box stalls, long fields, good soils, immediate occupancy. $300,000. Price Negotiable.
- 320 Acre Dairy Farm, 220T, balanced pasture & woods, features large 2½ story home w/kitchen, LR, DR, laundry, 5 BR, 1½ baths, enclosed porches & more. 82 stall dairy barn w/pipeline milking systems, bulk tank, Harvestore 3 silo's: 20x80, 20x75, 20x40 w/ unloaders, heifer & dry cow barn, lg. 48x100 machinery shed, $395,000. Cattle and Machinery Available at extra cost. Price Negotiable.

YOUR PA FARM SHOW
OUTSIDE EXHIBITOR GUIDE


OUTSIDE EXHIBITS
FENCE
GATE
17 18 19 20 21 22 23 24 25 26 27 28 29 30
16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
34 33 32 31
ENLARGEMENT
RICH BRANDT
LARGE ARENA
WEST DOORS
RAMP
NORTHWEST BUILDING
NORTH ENTRANCE
BOILER ROOM
STORAGE
VISITOR PARKING
OUTSIDE EXHIBITS
EXHIBITOR PARKING
NORTH ENTRANCE
LARGE ARENA (2 levels)
NORTHWEST BUILDING
NORTH BUILDING
EMERGENCY MEDICAL SERVICES
SMALL ARENA
WEST BUILDING
EAST BUILDING
MAIN BUILDING
WEST LOBBY
MAIN LOBBY (2 levels)
EAST LOBBY
MACLAY STREET
CAMERON STREET TO I-81

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4-	Alternative Energy
5 & 6-	Easy Time Trailers
7 & 8-	Kutz
9 & 10-	C. B. Hoober
11-	Agway
12-	Rich Brandt
13 to 16-	M.H. Eby
29 to 33-	Moritz
34-	Fiberdome
28-	E.M.M.
25 & 26-	Endless Mountain
22 to 24-	Altmeyers
21-	Taylor
20-	Vermeer
19-	Ag Fence
17 & 18-	Cummings & Bricker

Register to win a Richie Bear.

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TIOGA COUNTY

255 acres dairy farm, 140+ tillable, 40 cow barn, Penn State design calf barn, 2 heifer barns, machine shed & shop, corn storage, 16x36 and 20x70 silo w/unloaders, 4 bulk bins for feed ingredients storage, bulk tank, glass pipeline, barn cleaner, milking units, 4 bdrm house, 2 baths, lr, kit, fmly rm, 2 bdrm mobile home. A picturesque setting with excellent land & preventive maintenance evident. Once in a lifetime Century farm offering at only... $290,000.00 #1113

Farmette with approx. 25.6 acres, Richmond Twp., 3 bdrm home mostly remodeled, bank barn & outbldgs. #1110 $65,000.

Koch
REAL ESTATE

9 Cone Street
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WIMPLE ASSOCIATES

RECORD CORN YIELDS on this 386 acre farm. Large level fields with 240+ acres tillable. Very good 93 stall hip roof barn, 2' Surge 6 unit pipeline, 20x70 and 20x37 Harvestores, (2) 20x50 CS, 90' concrete bunker. 40x80 steel machine shed. Good 5 bedroom home with pretty setting. $235,000.

"BEST 200 COW FREE STALL WE'VE GOT"... 600 acres, 400 tillable. High quality soils. Lots of storage room for crops. Exceptional barn milks 200 with room for 300 head, double 8 parlor w/ATO's, 5 silos including Harvestore and Nutrimatic, 3000 gallon tank. Very good 9 room home with 2 more homes available. INCLUDES: 300 Holsteins (17,000 lb. herd), 5 large tractors, skid steer, long line of machinery for $950,000. Will also sell bare.

OPERATING GRVEL PIT on this 285 acre flat land farm with 235 acres tillable gravelly loam. REAL NICE 56 stall barn, DeLaval pipeline, 1250 gallon Boumatic tank, 20x40 Harvestore plus 24x70 concrete silo. 5 bay machine shed. Recently remodeled 10 room home, oak cabinet kitchen, 1½ baths, fireplace. Priced right at $235,000. Call 607-792-3355 or...

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SLOANSVILLE, N.Y.
518-875-6355
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NEW YORK STATE FARMS

Urgently Needed free stall or conventional dairy farms stocked or bare w/good soils and buildings anywhere in NYS. Particularly needed 150-200 freestall. Qualified customers ready to buy.

#680- 1,000+ Acres, 900 crop land, 2500 acres rented, excellent soils, large level and rolling fields. Large freestall barn w/2 double six parlors, milking 550 room for 800, 5 homes, 3 mobiles, $1,300,000. Cattle and equipment available.

Oneida County Clinton/Deansboro Area Excellent dairy modern 143 tie-stall barn, (4 rows) 2 Patz gutter cleaners, 2" pipeline, 2000 gallon tank, 3 stave and 1 Sealstore silo w/unloaders, metal equipment building, heated shop building, 25,000 bu. grain bin w/ dryer, good soils, nice remodeled 3 BR home. Owner retiring. Cattle and equipment available. Additional land and 2 more homes available.

Steuben County 480 acres, 321 tillable, 3 silos, 40 stanchions and 60 free stalls, bulk tank pipeline and milking units, heifer barn and machine shop Good 3 BR home, $450,000.

Herkimer County 380 acres, 160 crop land balance pasture & woods, good free stall barn, w/dble. 5 Boumatic parlor, 3 Harvestores and 1 concrete silo, lagoon w/liquid spreader, Bobcat, good 3 BR 2 bath Cape Cod home, $365,000 Cattle, equipment and financing available, excellent buy.

Cortland County, Cortland area, 200 acres, 70 acres tillable, 60 pasture, balance woods, 100 acres rented, excellent modern 84 tie stall barn, 2 bulk tanks, pipeline, 6 units gutter cleaner, Morton equipment and shop building, heifer barn, 3 stave and 1 bulk silos. Good 4 BR home $229,000. Possible mortgage assumption, modular home available.

Other farms - all sizes available
24 hr. notice for appointments

MCKNIGHT-HOGAN
AND NOONAN REALTY, INC.
Ask For Jim Noonan, Broker
716-433-6788
716-434-5088 Eves. & Weekends

NEW OPPORTUNITIES

670 ACRES - BRADFORD CO.- dairy w/64 stanchions, 64 free stalls and room to build on. Excellent fertile farmland. Modern home in excellent condition. Pipeline, 2 bulk tanks, barn cleaner, excellent heifer & young stock facilities, 2 Harvestores and a star top unload. 2 houses and extra bldgs. Priced under 1,000.00 per acre. Owner retiring and ready for a new owner. Can be purchased w/stock & equipment.

LANC. COUNTY - 39 acre dairy in Ephrata area. Comfort stall farm and free stall, bunk feeder from silo. There is a shaving business doing approx. $50,000 gross per year. A great opportunity for a lg. family. Priced under $400,000. Reduced to under $370,000.

LYCOMING COUNTY - Vacant dairy farm with large barn with 64 stanchions, 4BR 2 story house. Just reduced $20,000.

Sanford G. Leaman
717-393-BIDS

GREAT BUYS FOR '91

#1100 - New Listing - A beautiful farm, excellent buildings, nice setting, pleasant farming area Large colonial brick home, two story - 12 rooms, 2½ baths in excellent repair. Two story dairy barn, plenty of windows for sunlight, 70 tie stalls, wide alleys in front of cows, pens, pole bldg for heifers, two large silos, 2" pipeline milking, machinery bldg 170 acres of good land, natural Ph never sow lime, grows great alfalfa and 20 tons of corn silage per acre Priced very reasonable. $265,000.

#1104 - New Listing - Chenango Co A good farm for dairy, beef or sheep Ill health forces sale, 246 acres, 130 acres good hay land, 65 pasture, bal woods, 200' barn with 93 stalls, manure storage, 2" pipeline milking, 1200 gal. tank, 24x50 concrete silo w/ unloader. 8 rm 4 bedroom home. Farm has a private setting on road with almost no traffic Priced to sell only $180,000

#1103 - New Listing - An inexpensive farm ideal for retirement farm, sheep or beef, presently a dairy farm. Private setting, end-of-road, beautiful views, not far from shopping and hospital. 1800 - stone constructed home, 7 rooms, 4 bdrms, not a large home, could be fixed real nice 30x110 two story barn, 260 acres of land, 48 acres crop fields, 25 pasture land, 190 acres woods with small stream, good hunting Priced reasonable $150,000

#1088 - For the buyer wanting very nice buildings, small town location. Kids walk to school. 230 acres of land, 100 acres mostly flat well drained top alfalfa soil Showplace two story barn, 62 tie stalls with calf barn, two silos, machinery building, heifer barn, paved driveway. 5 bedroom 1½ bath home in top condition Village water inexpensive Farmer wants to retire. $250,000 Registered herd and equipment also available, priced reasonable

#1097 - A good small farm, great retirement farm. Owner is anxious to sell, 123 acres, 68 acres tillable fields, good corn and alfalfa land, two story dairy barn for 45 cows, 3 concrete silos, one with outside bunk feeder for beef cattle or heifers Large 10 room home with fireplace, large modern kitchen. Could be a beautiful home, large lawn, trees, sugarbush, bldgs same side of paved road, pleasant setting Asking $170,000. Might consider offer.

#1068 - Lewis County - Family operation, real money maker. 270 acres, 180 acres cropland, owner grows alfalfa hay, haylage for 76 cows, picks his corn for HMC. Spends only 10% of his milk check for purchased concentrates. 76 cow barn, pipeline milking, 4 silos, house is not large but very nice 6 rooms,3 bdrms Bldgs. same side of road Not far to school and busy town Owner's gross income $190,000 with actual $80,000 net last year. Price includes all stored crops and grain Ill health forces sale. $220,000. Cattle and equipment available and reasonably priced.

#1085 - 150 cow freestall, double eight parlor, 400 acres, two good homes. Asking $440,000 $100,000 down bal. owner financing, 10% interest, 20 years

#1047 - 114 cow freestall, double 6 parlor, 3000 gal. tank, freestall heifer barn, 8 room home, large road frontage 220 acres. Priced to sell. $250,000. To qualified buyer $75,000. down, balance owner financed.

#1064 - 120 cow freestall, double six parlor, new freestall heifer barn, recently new beautiful large home, two other good houses, 475 acres Nice location. Farmer retiring Asking $450,000. Owner might consider some financing Top dairy of cows and equipment also for sale, priced reasonable

#1000 - 600 milking cows, 600 heifers and calves, huge line of equipment, 1000 acres of land, 5 houses, large barns, nice location, plenty of land for very reasonable rent. Top dairy area. Everything goes except the "little woman". $2,500,000.

We pride ourselves in having the best to show our buyers. With 25 years of selling farms, we have the experience and the ambition to do the job right. Anyone interested in buying a farm, we would urge you call and make an appointment

POSSON REALTY
Dick Posson, Broker
R.D. #3 Norwich, N.Y. 13815
(607) 334-9727

** FARMERS ** HUNTERS ** INVESTORS

PUBLIC AUCTION

Saturday, January 19, 1991 at 1:00

Location: Huntingdon County along Rt. 35 between Shade Valley & Crosskeys Look for signs - This auction will be held regardless of weather conditions.

292 Acres-more or less - Approximately 90 tillable, remainder woodland. Thereon erected a 2 story stone farmhouse in need of renovation. When completed this would make a beautiful hunting lodge. This property is easy to find, yet in a quiet rural area approximately 75 miles from Harrisburg & close to Raystown Lake.

Note: This property is currently being marketed & managed by Jack Guaghen Realtor & if not sold by Jan. 19, 1991, it will be offered by public auction. For additional information call Milan at (717) 564-5101 or Jerry Lousch at (717) 944-4347.

Terms: 10% down sale day, settlement on or before March 15, 1991.

Rod Frey Auctioneers
(717) 285-5321
License #AU-002690-L

JACK Gaughen REALTOR

CENTRAL PENNSYLVANIA RURAL PROPERTIES

BLAIR COUNTY

TYRONE AREA- 243-acre FRUIT ORCHARD, good producing young trees, mountain spring water, good set of buildings (including 3-bedroom dwelling, retail sales room, and 40'x40' drive-in cooler). Serious inquiries only

BALD EAGLE- 22 993 WOODED ACRES with subdivision possible $1,900 per acre.

CENTRE COUNTY

(JUST LISTED) BELLEFONTE AREA - 11± acres subdivided into 18 lots $41,500.

GATESBURG - Cedar-sided contemporary HOME ON 32+ ACRES $275,000

PINE GROVE MILLS- 2.24-acre, wooded BUILDING SITE just minutes from downtown State College. $45,000.

R.D. WARRIORS MARK- 12-ACRE FARMETTE with cape cod home and 4-stall barn, both in excellent condition Home was built in 1984 and features 3 bedrooms, 2 baths, and 2-car garage. $237,500.

JULIAN PIKE- BUILDING SITES - 2 acres priced at $31,900, 2 54 acres priced at $38,500, and 24 acres priced at $125,600.

7 MILES FROM STATE COLLEGE- 10 WOODED ACRES with an energy-efficient, all-brick home- built in 1985, 2-car garage and a 3-bay car shed $185,000

PENNS VALLEY- FARMETTE with 18± acres, small brick ranch home, 2-story bank barn with 5 new stalls added, new 24'x42' shed located on a beautiful site with approximately 1,000 feet of creek frontage. Small horse business in operation with 100'x220' riding ring, 15 acres cleared and fenced with a capacity of boarding 12 horses. $149,900

BRUSH VALLEY- 40 ACRES (20 open, 20 wooded), scenic view, spring water. $108,000.

GEORGES VALLEY- 84± acre GENERAL FARM (60+ acres tillable), large bank barn and outbuildings, and a totally renovated 4-bedroom, 1½ -bath farmhouse featuring heat pump with central air. Priced to sell at $239,000

SNOW SHOE- 1-acre with CABIN, adjoins state game lands, excellent hunting and fishing. $11,900.

STATE COLLEGE- HORSE FARM with 66 acres, 4-bedroom home, 2 horse barns, implement shed, possible owner financing $550,000. Possible subdivision

R.D. BELLEFONTE- DAIRY FARM with 124± acres (105± tillable), 54 tie stalls, 2 silos, 2 houses, all dairy equipment. Adjusted price- $395,000

SEVEN MOUNTAINS- Wooded BUILDING LOTS, 5 to 13 04 acres $30,000 to $78,000

SKYTOP- 33 87 WOODED ACRES with well, electric, and gravel driveway to proposed building site Very secluded and just minutes from State College. $69,900

POTTERS MILLS- 11-acre FARMETTE in Penns Valley School District features a remodeled 4-bedroom, 2½ -bath home, horse barn with 6 stalls and tack room, riding ring, loafing shed with automatic watering and dog kennel. $265,000.

MARSH CREEK AREA- 5 8-acre COUNTRY ESTATE, beautiful, mountain stone home with 4 bedrooms, 2 baths The ultimate in country living Open land, wooded land and beautiful stream $125,000

COLYER LAKE- Beautiful 1 42-ACRE PROPERTY with views of Colyer Lake Property has new 3-stall stable, tack room, water and electric, and fenced corral Home features two-level deck, 3 bedrooms, 2 baths and woodburner $92,500

CAMBRIA COUNTY

CRESSON AREA- 142-acre (72 tillab[illegible]ance pasture and woodland) farm presently set up for dairy Would be id[illegible]r horses Nice brick house, stream on property, 38 stalls, pipeline bulk t[illegible] Priced at $142,000

SOLD

CLINTON COUNTY

CLINTONDALE AREA- 120± ACRES (60 tillable, 60 mature woodland), bank barn, Little Fishing Creek flows through parcel, adjoins state forest land $259,000

HUNTINGDON COUNTY

WHIPPLE DAM AREA- 5 WOODED LOTS- 10 to 17 acres, some with stream frontage $30,000 to $51,000.

WHIPPLE DAM AREA- 3-b[illegible] LOG HOME with stream frontage Situated on 22± acres with a[illegible] available. $159,900

PENDING

McALEVY'S FORT- Only 2 WOODED LOTS remaining (4 43 and 3 33 acres) 17 miles from State College, excellent recreational or permanent home site, septic approved $21,900 each

RAYSTOWN AREA- 5± acres of fairly level, OPEN LAND with township road frontage and large bank barn, $36,000

MIFFLIN COUNTY

MILROY- 100 wooded and secluded acres of LAND with 2 natural springs Well and septic needed. $99,000.

OTHER LAND PARCELS AVAILABLE.
CALL OR WRITE FOR A FREE LIST.
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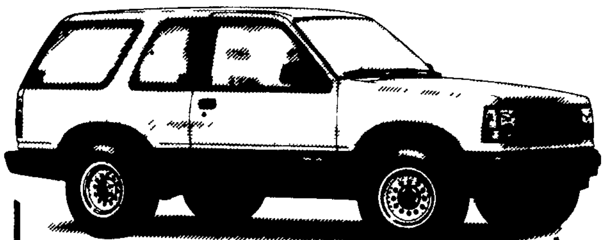

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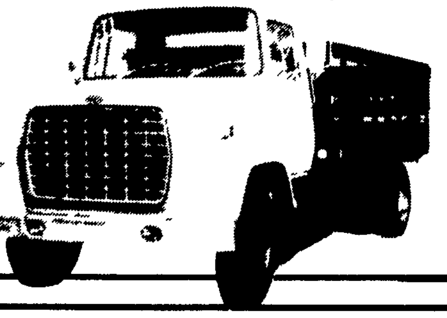

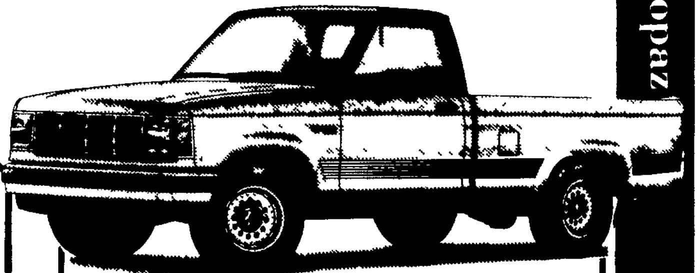

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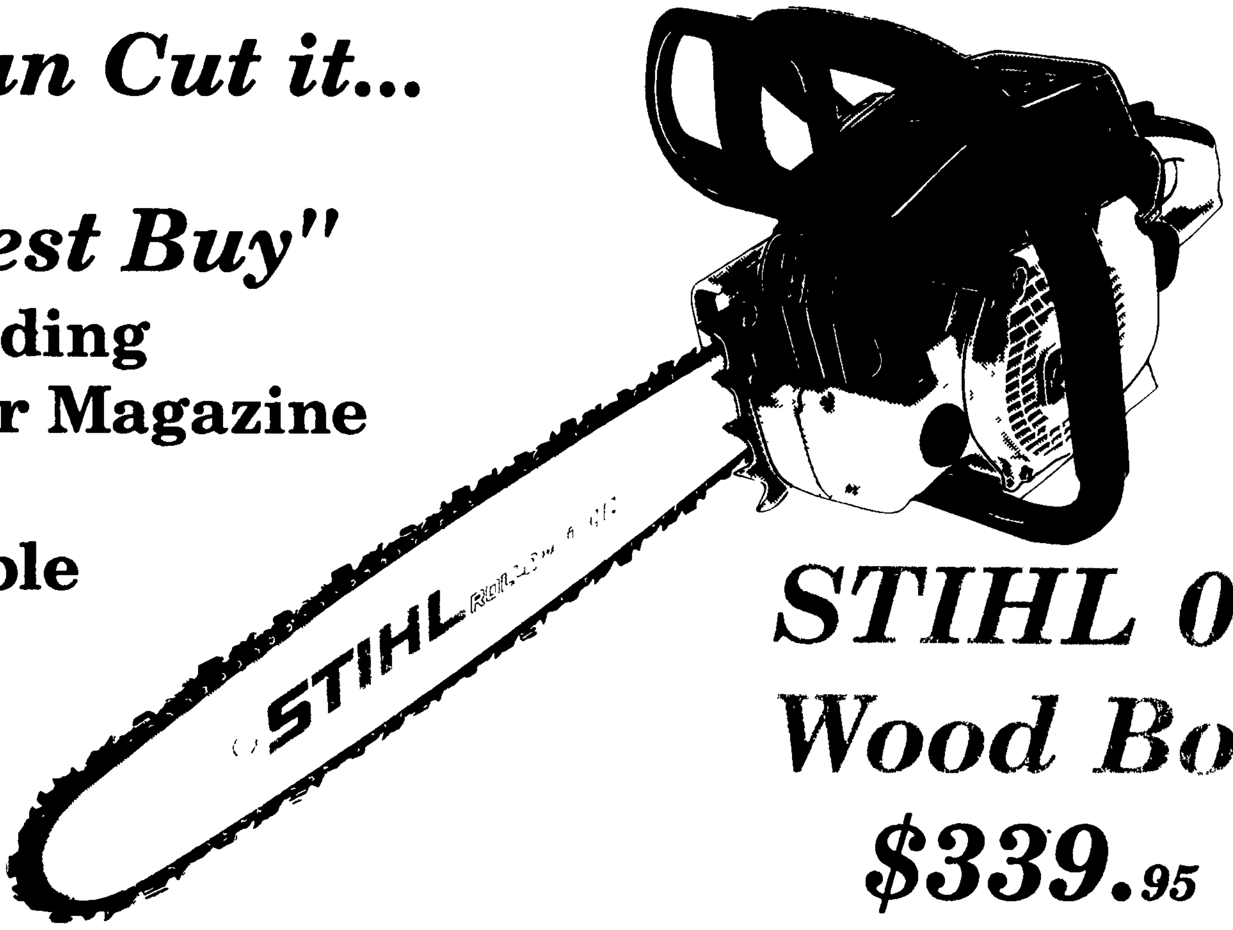

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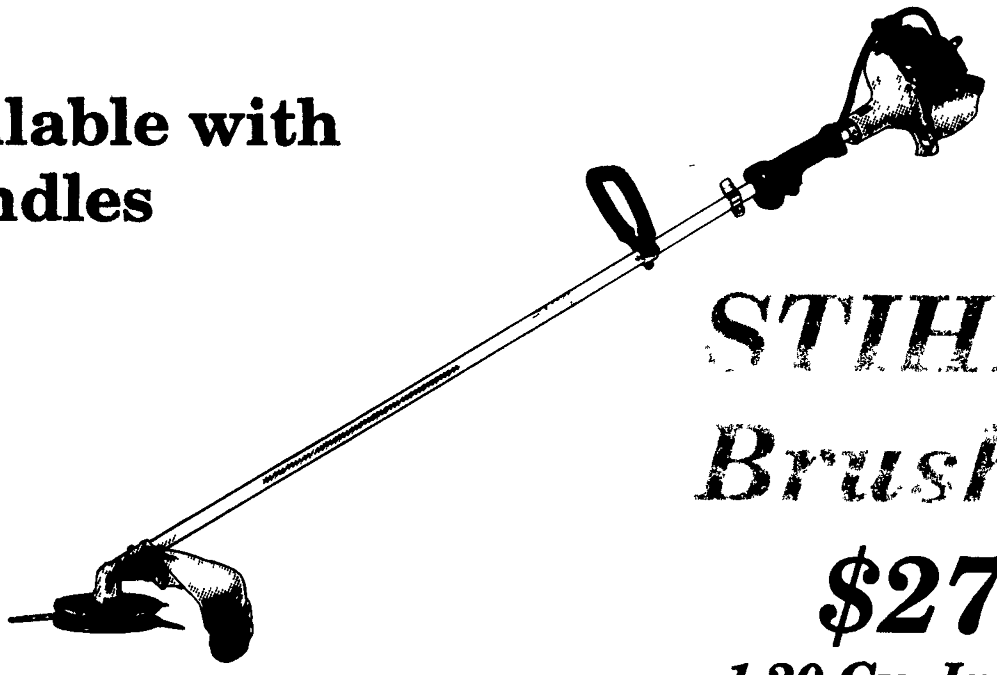

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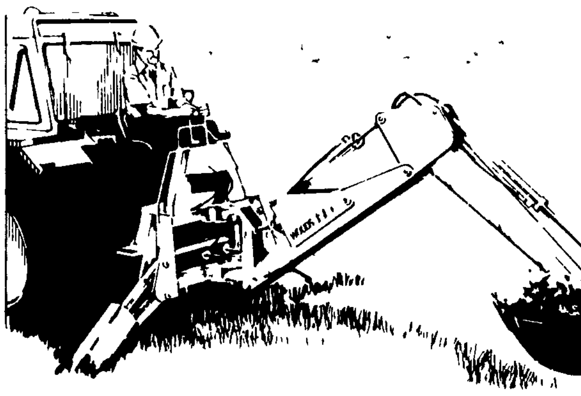

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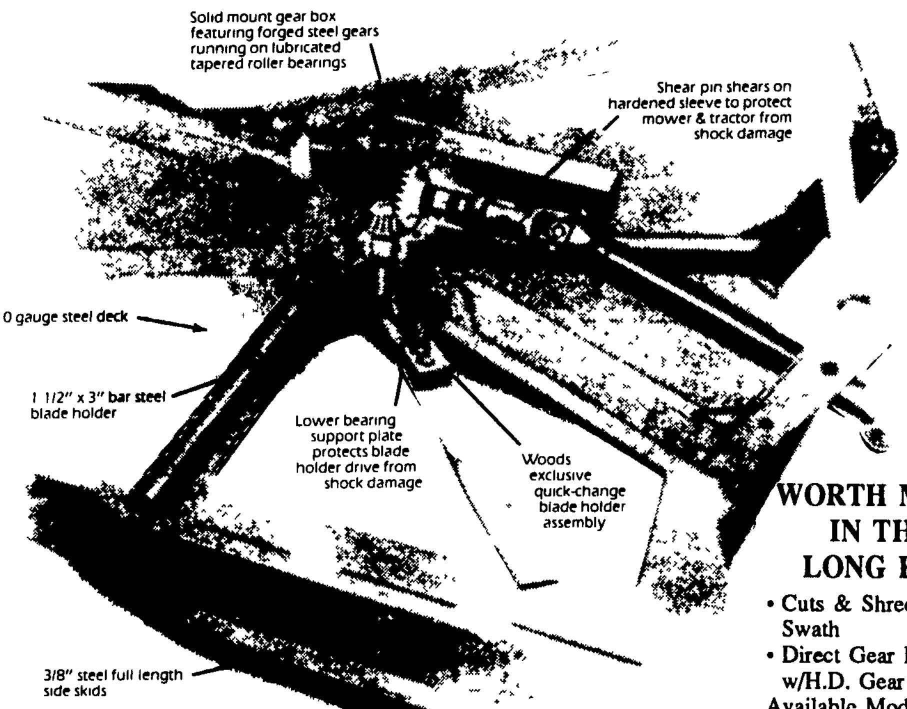
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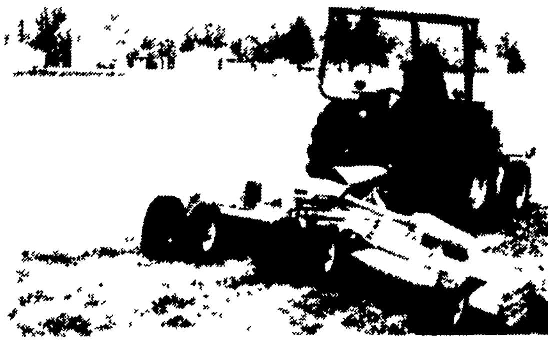

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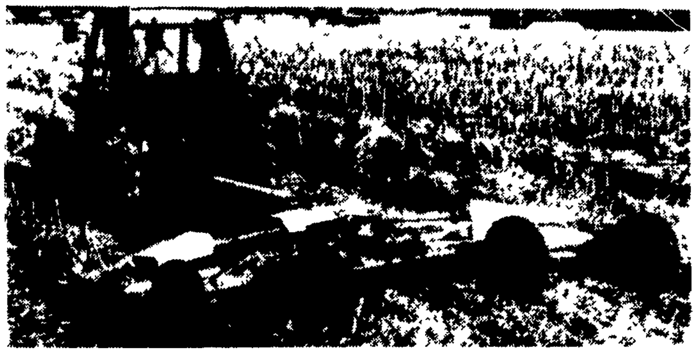

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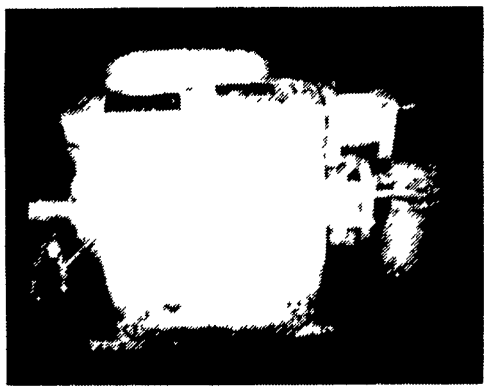

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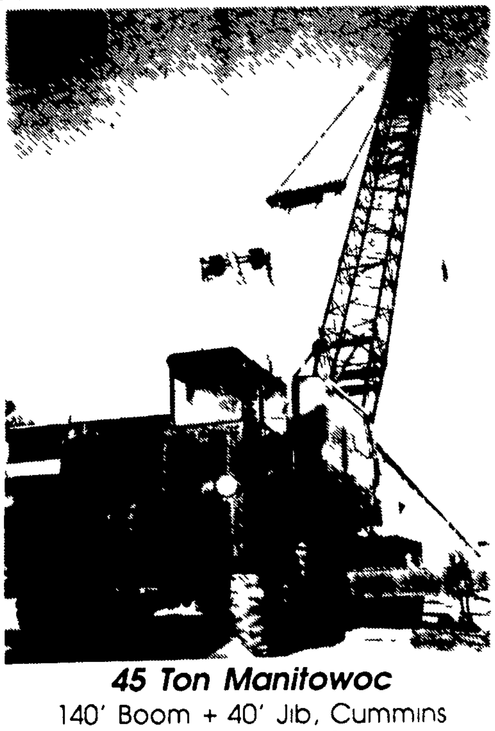

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JD 610 8' Chisel Plow
JD 970 12' Roller Harrow
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NH 27 Blower
JD 24T w/30 Ejector
JD 24T w/#2 Ejector
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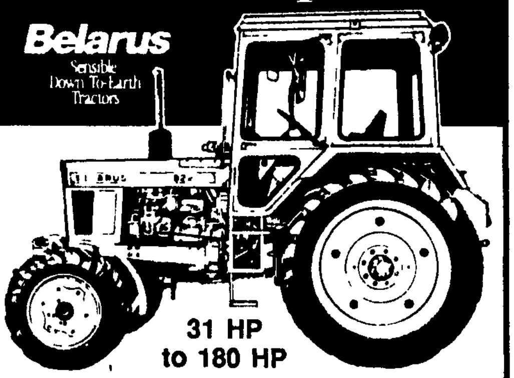

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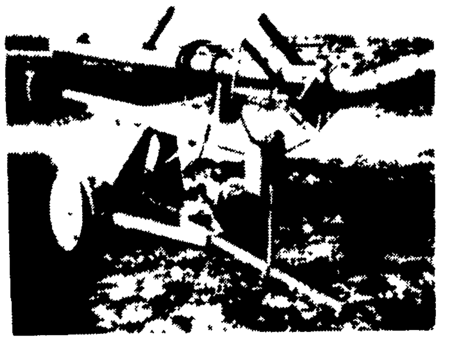

DH 210 Manure Pump

With Dual Agitator, rotates at 270°, hydraulic or manual operated with flexible spout on agitator Check our prices before you buy.

- Gutter grate made to order
- Self-close headgate
- Round hay feeder
- Stainless steel weld

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Gordonville, PA 17529
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Dealer Inquiries Welcome

Used Skid Loaders

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Toyota Skid Steer Loader 40 HP, Low Hours $11,000

Bob Cat Model 540 25 H.P. Good Machine $5,000

Bobcat 642 w/Ford Gas Engine Price Just Reduced $6,500

JD 375 Skid Steer Loader, Diesel Engine, Like New, 200 Hrs. $7,500

Super 8 Pettibone High Lift, 4 Wheel Drive, Detroit Engine Good Solid Machine $9,500

Mustang Model 312 $3,500

Mustang Model 342 Diesel, New Tires, New Paint, Recent Engine Overhaul $7,500

Looking For A Skid Loader - Give Me A Call. Many Models Available.

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RUBBER SCRAPER

- ★ TIME AND ENERGY SAVINGS UP TO 60% TIME SAVING
- ★ SAVES ON CONCRETE WEAR
- ★ OUTLASTS BUCKET WEAR
- ★ MADE FROM HEAVY INDUSTRIAL EARTH MOVER TIRES
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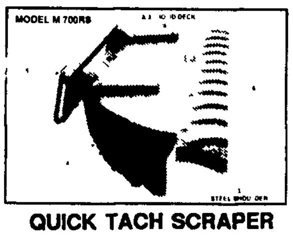
- ★ ACID RESISTING PAINT
- ★ WIDTHS FROM 6 to 8½ FEET Larger Widths Special Order



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1. Easy to get in and out of skid loader
2. Manure does not splash up on skid loader
3. Stronger than rubber tires steel shoulder to keep it standing up
4. Easily replaceable rubber strips
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6. Rubber cross bar for pulling manure out of corners

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Massey Ferguson 35 combine, good condition $750. 215-562-5502.

Mechanical plastic mulch layer with tunnel attachment $850. 215-562-5502.

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TRACTORS

JD 2150, 1,100 hrs., excellent
JD 4020, side console, good
JD 4430, SG SOLD 00 hrs., excellent
JD 2840, 80 h.p., excellent condition
JD 2155 w/rev trans., 300 hrs., 175 loader, #10 backhoe, like new
JD 575 skid loader, 200 hrs., demo special
JD 4040, 90 h p , QR, very good
(2) JD 1010, WFE, very good
JD 2010, WF, Good
JD 3010, dsl., NF Coming In
JD 755, hydro, 60", MFWD, 100 hrs.
JD 755, hydro, MFWD, loader, 120 hrs., like new
JD 850, MFWD, 400 hrs , like new
JD A SOLD 00
Case 2390, cab, 1,300 hrs., excellent
IH 1066, cab, very good
IH 856, 100 h p., cab, 20 8x38 tires, excellent
Farmall H w/Blade, Good

COMBINES

Interest Free Financing
On All Used Combines Till
December 1, 1991

'79 JD 4400 diesel, rotary screen, ex. condition
'82 JD 4420 combine, 1,250 hrs, 23.1 tires, dial-a-matic, excellent condition
'83 JD 4420 combine, good condition
JD 6600 Level Land, diesel, hydro, good
Oliver 525 w/corn head & platform, cab, very good
MF 510, cab, dsl., platform, $3,500
NH 1400 combine w/13' platform & 3RN head, 1,740 hrs., excellent condition
NH 975 w/platform, cab, $2,500
AC L combine w/4RW corn head & platform
MF 63C corn head, very good
MF 44 corn head, $1,500
(2) MF 43 corn heads, $2,500 each
JD 444 corn head
JD 443 corn head, Low profile, exec

MISC.

JD 1219 mower conditioner, like new
JD 237 picker, excellent, $500
JD 2450 5 btm 18" plow, on land, very good
JD 3960 forage harvester w/pickup, 2 RW corn head, good condition
NH 310 baler w/70 thrower, excellent
NH 488 haybine
JD 1207 mower conditioner, good
(4) JD, NH, NI mower conditioners
12' Dunham Lehr, very good, $4,500
JD 175 Loader, excellent
JD 146 Loader
Case IH 5100 Grain Drill, 24x6, soybean special w/grass seed, very nice

NEW COMBINES-IN STOCK

JD 4435 hydro
JD 9400 maximizer
JD 9500 maximizer

NEW TRACTORS IN STOCK

45 h.p. 2155
55 h.p. 2355
85 h.p. 2955 4 post RG
95 h.p. 3155 SGB MFWD
120 h.p. 4255 SGB PS demo special
140 h.p. 4455 SGB MFWD
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Model 9680, 18x7	$12,750

USED COMBINE SALE

JD 4400D	$12,500
JD 6600 LL	$11,000
JD 6600 LL	$20,000
JD 6620 SH	$45,000
JD 8820	$55,000
JD 653	$3,800

TRACTORS

JD 2640 w/Loader
JD 4030
JD 2240 w/loader
JD 755
IH 300
Kubota L3750 w/loader

COMBINES

(2) JD 215 Flex
(2) JD 216 Flex
JD 216 Rigid
13' Quicktach
JD 213 Rigid
JD 444
JD 443

BALERS

JD 346 w/ejt.
(3) JD 336 w/ejt.
(2) JD 224 w/ejt.
JD 24T w/ejt.
JD 24T
JD 14T w/ejt.
NH 846 round baler
(2) NH 273
NH 268

MOWERS

SMC 15' wing fold
5' NH 3 pt.

HARVESTERS

IH 650 w/2R & 5' pickup
JD 1R head
JD 3RN head

MISC.

8x18 bale throw wagon
Schuler 125 bunk feeder
Dual axle utility cart w/grain box
Calumet 2250 lq. spreader
Befco 6' flail, 3 pt.
FMC Orchard Sprayer
JD 660 hay rake

PLANTERS

JD 7000 6R w/dry fert.
JD 7000 6R w/lq. fert.
JD 7000 6R
AC 500 4 row notill

TILLAGE

Brillion 14' Cultivator
JD 925 10' Roller Harrow
JD BWA Disk, 14'
JD KBA Disk
JD 220 disk, 20'
Brady 12' Chisel Plow
JD 1600 4 btm.
JD F125 4 btm.
Massey Harris 1 Btm. Plow
IH chisel plow, 7 tooth
(2) IH 8' Disks

HAYBINES

(2) JD 1219
(2) JD 1209
(2) JD 1327 Discbine
Vicon Discbine 281
NH 479
(2) NH 489

CHUCK WAGONS

(2) JD 125
(2) IH 51
(2) AC 14'

GRAIN DRILLS

JD 8300 18x7
JD 8300 21x7
JD 8250 14x7 w/fert.

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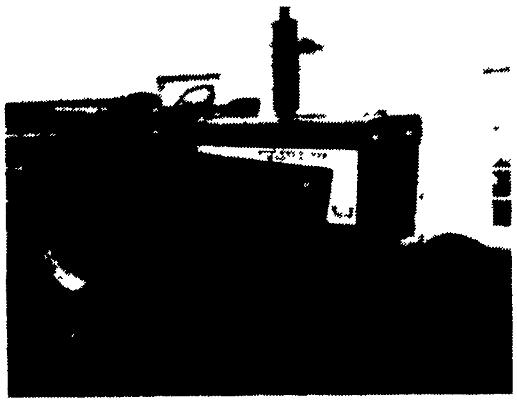

IH 666 Diesel T.A., New 16.9x38 Tires, 2918 Hrs., Sharp
$8,750

JD 4020 side console, syncro range w/cab	$ 8,900
JD 4020, side console, power shift	$ 8,500
JD 2440	$ 5,500
JD 318 w/mower	$ 2,900
IH 3688, 18.4-38 tires, 1,294 hrs., sharp	$19,800
IH 666	$ 8,750
IH 460	$ 1,500
MF 3545, 4x4, cab & air	$21,500
MF 3545, 4x4 & duals, cab & air	$21,000
MF 2705, cab & air	$10,500
MF 1155, cab, air & duals	$ 7,200
MF 1150	$ 4,500
MF 390, 4x4	$ 9,500
MF 285	$ 7,500
MF 275 w/loader	$ 7,900
MF 270	$ 8,750
MF 245 w/quick tach loader	$ 9,500
Zetor 120-45, 4WD	$ 7,500
Deutz 6806	$ 4,900
Deutz 6206	$ 3,000
Deutz DX120	$ 5,500
White 5 btm. cushion trip plow	$ 1,800
MF 5 btm. trailer plow	$ 750
MF 850 combine, 15' flex	$19,500
MF 1143 corn head	$ 4,500
(4) MF flex heads	$2,000 to $ 3,000
MF 236 loader for 4WD	$ 2,500
Allied quick-tach loader for 06, 56 & 66 series IH	$ 2,000
Ford 6 btm. on land hitch auto. reset plow	$ 2,500
JD 2500 5 btm. plow	$ 3,000
JD 336 baler w/hydraulic thrower	$ 3,400
NH 315 baler	$ 4,200
Fox blower	$ 700
Gehl 920 forage wagon, tandem gear & roof	$ 3,800
Parker gravity wagon	$ 1,000
JD 1209 haybine	$ 1,800
Deutz Allis disc mower	$ 2,000
(2) AC field cultivators	$ 1,000
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NH 479 haybine $1,800; NH 273 baler w/thrower $900, Ford 5000 diesel; MF 135 diesel $3,000, NI 323 1R corn picker $1,000. (215)488-6491.

NH #8 Forage box, 3 beater, roof, good shape, $1450 717-733-3720

NI 290 9' mower conditioner, good condition. Priced To Sell. $850. 301-756-4036 or 301-756-6277

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TD9 track loader, new chains, sprockets and starter. Needs some work. 717-752-7566.

USED EQUIPMENT

1989 JD 9600 combine 4WD, 922 flex head	$98,000.00
1989 JD 9600 combine 4WD, 922 flex head	$92,000.00
1990 Case IH 1680 combine, two heads	$95,000.00
1990 JD 4955 4WD	$67,000.00
JD 7000 16 row front fold planter	$20,000.00
IH 4786 4WD tractor, with IH 25' chisel plow	$27,500.00

Many other late model JD tractors to come in soon

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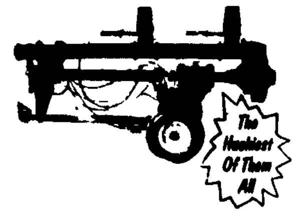

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NH 1895 chopper, 1982 model, 4WD, 1,400 hrs., 6 cyl. Cat engine, 3RN corn head, 7' grass head
JD 2950, 4WD, 38" rubber
JD 2350, 4WD
JD 2750, excellent condition
JD 4240, cab & air, power shift
JD 2940, 4 WD
JD 2640, late model
JD 4020, late model w/roll guard cab
JD 4020, '67 model
JD 3020, diesel, WF
JD 4010, diesel w/cab
JD 4430, cab & air, quad range
JD 4230, cab & air, quad range
JD 4630, 4 post, QR
JD 2840, high & low, dual hydraulics
JD 2520, diesel
JD 2440, excellent condition
Deutz 100-06 w/cab
Deutz 130-06 w/cab, 4WD
Deutz DX140, cab & air, 4WD
AC 7000 w/cab & air
AC 200
Ford 9700, cab & air
Ford 5000, late model
IH 1486, cab & air, very sharp
IH 1466, cab & air, 1 owner, 2,500 hrs.
IH 1066, red cab, radial tires
IH 1066, cab & air....................$9,000
IH 560 gas
White 2-105 fender tractor
White 2-135, cab & air
Oliver 1855 w/cab
MF 180 diesel
MF 1105, cab & air, 2,500 hrs., 1 owner
JD 350, 6 Way Blade
JD 310 backhoe
Case 450 w/6 way blade
Bobcat 825 diesel
Bobcat 743
Axle mount duals for IH 38"
Roll guard for 2950...................... $650
Turbo charger will fit 4020
NI 325 2 row narrow corn picker
NI 323 1 row picker

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White 4-150, 3 pt. PTO	$10,900
White 2-150, Solid	$7,500
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IH 1566, 1976 model	$7,900
IH 1466 cab/air, '76 model, sharp	$8,500
IH 1466, cab, air, duals	$8,200
Case 1175 cab & air	$8,000
JD 4620 w/cab	$7,800
MF 165 diesel w/mtd. picker	$4,200

USED EQUIPMENT

NH 315 Baler
NH 277 Baler w/Thrower
NH 269 Baler
NH 275 w/Thrower
DA KH 500 Tedder
NH 411 Discbine
NH 1495 Haybine Hydro Cab A/C
NH 499 Haybine
Pequea 786 Haymaker
NH Crop 8 Wagon
Brillion 14' Pulverizer
Brillion 21' X Fold Pulverizer
JD 14' Roller Harrow
WF 5100 6 Row Planter
WF 5100 S Bean Planter
NH L555 Skid Loader
NH 775 Skid Loader
NH 781 Skid Loader
Case 1740 Skid Loader
IH 484 w/Loader
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IH-M Tractor
Bushhog BD90 Mower, 7'6" Width

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WHEEL LOADER JD 444 w/cab, OROPS, $11,500. 301-833-9091

WHEEL LOADER DRESSER 510, 1979, ROPS, $9,500 301-833-9091

WOODS BAT WING B320, 20', CV drive, demo unit, $8,000 301-833-9091

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Route 616
Seven Valleys, PA
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NEW COMBINES

MF 5650
MF 8450 combine, new

USED COMBINES

White 8800 combine w/6 row corn, flex head & grain head $13,700
JD 105 Combine, 4R corn head & grain head as is $1,500

NEW TRACTORS

ANY H.P. FROM 16 TO 160
MD 3660 Cab Tractor 2 & 4 WD

USED TRACTORS

MF 1805, 240 HP, articulated tractor $14,700
JD 4020 $6,800
Hyster model 60 fork lift $5,800
IHC 460 diesel $2,250
AC 912 mower & tiller $2,995
MF 1020 w/mower $5,800

MISCELLANEOUS

JD 24 Baler w/kicker $1,650
MF 126 7½ ' disc mower, new demo
White 283 12' Field cultivator, $575
Oliver 64 17 disc drill $675
6 Tooth pull type chisel plow $695

SMITH FARM EQUIPMENT

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Perry County
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MF 399 2WD
606 Hrs.
NH 555 Dsl.
Skid Loader

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1466D w/cab
966D w/cab
966D Fender
986D w/cab
884D
784D
656 Gas
606D
656D
574D Row Crop
300 Gas w/loader
340 Gas NFE
Farmall MD
Farmall M
Farmall Super H
Farmall Cub w/belly mower
AC B w/Woods belly mower
Ferguson 30
JD 47 loader
IH 33 Power Lift loader
IH 430 Baler w/thrower
IH 350 10' Disk
IH 540 Spreader
NH 27 Blower
McCurdy 8 ton bin wagon
NH 273 Baler
NI 323 picker
Moritz Cattle Trailer
56 Hustler Silage Blower
Demco Saddle Tanks
Storage Poly Tanks, various sizes
Kuhn Trail Hay Tedder
Wood and Steel Hay Wagons
Deutz Allis Rake
Feeder Wagon
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Gehl 2160 Haybine
NH Spreader
Demco 500 Gal. Sprayer
Post Driver, 3 pt.
Demco 3 pt. 300 gal. sprayer

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440 B
642B Bobcat
743 B
753
843
1600 Bobcat Articulated Loader

Used Loaders

L1200 Prime Mover

330 OMC, Coming In

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Zetor 6245.0 4WD, 53 Hp.	$14,765 Base

848 NH Baler, Used

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** **Ford 5000 Diesel** w/Dunham Loader	$8,450
** **Oliver 1855,** Perkins 354 engine, 20.8x38 tires, rebuilt front end, roll guard w/roof	$6,950
** **Oliver 1650,** gas, NF, hydro power, 1,975 hrs.	$4,950
* **IH 460 Tractor,** gas, like new rubber, clean	$2,250
* **Case 1835C** Diesel, big tires & big bucket	Call For Price
** **Mustang 1700 skid steer loader,** torque converter, water cool engine, quick attach bucket	$4,650
* **Ford 850,** 5 spd., 14.9x28 tires, big hyd. pump	$2,650

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** **JD 3960** base unit, electric, long to[illegible] SOLD new knives, 3RN head, 7½ ' hay head	~~$10,850~~ $10,250
* **JD 3800 harvester** w/hay head	$1,850
* **NH Super 27 blower,** heavy PTO, excellent	$1,250
* **NH 320 baler** w/belt thrower, field ready, recent trade	$5,250
** **Fox hay head**	$275
** **AC 430F** 4RN snapper head w/adapter for Field Queen	$1,975
** **Gehl 300** w/2RN corn head	$950
** **Fox 6200 chopper,** Perkins engine, cab & air, 4WD, 3RN head & hay head	$16,900 $16,250
** **NI 486 Round Baler** w/Endless belts, extra nice	$7,250
** **NH Hay Head** fits 717 & 770 harvesters	$585
** **NH 275 Baler** Super Sweep, Chute, Original	$2,450
** **NH 315 Baler** w/hyd. tension, bale chute extra clean, shed kept	$3,950
** **Badger** 3 beater forage wagon, 16', 12 ton gear, like new	$6,250 $5,950
** **Grimm** PTO 7' tedder	$895

Planting & Tillage

* **JD no-till drill #1550,** 12 disc, 8" Spacing	$3,650
* **IH 510 drill,** double disc, grain & grass hoppers	$2,995
* **Whi** SOLD **.** reset plow	$1,895
* **IH 3 [illegible] Plow,** regular trip & semi mount	$675
** **Tye 80"** no-till, 3 pt seeder, grass seed & small grain	$2,550
* **Oliver #76 17 disc drill,** grass seed, excellent	$850
* **JD 10' transport disc**	$675

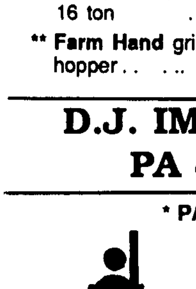
Manure Handling Equipment

* **NI #17 spreader,** clean & original	$1,275
* **IH PTO spreader**	$795
** **MF 235 Loader,** Manure bucket fits 135, 235, TO30	$1,375
* **NI #9 Spreader,** clean & original	$585
* (2) **NH Endgates** for 518 or 676 spreaders, like new	$275

Miscellaneous

* **V Plow** fits IH loaders	$250
* **Snow Plow** for trucks or heavy duty front end loaders	$495
** **Horst heavy duty wagon gears** in stock, 7 ton, 9 ton, 13 ton, 14 ton & 16 ton	Call For Price
** **Farm Hand** grinder mixer w/auger hopper	$1,850

D.J. IMPLEMENTS OF PA & VIRGINIA



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JD 2500 plow, 4x18 hydraulic reset, hillside hitch, like new. Half price of new. 301/898-7426.

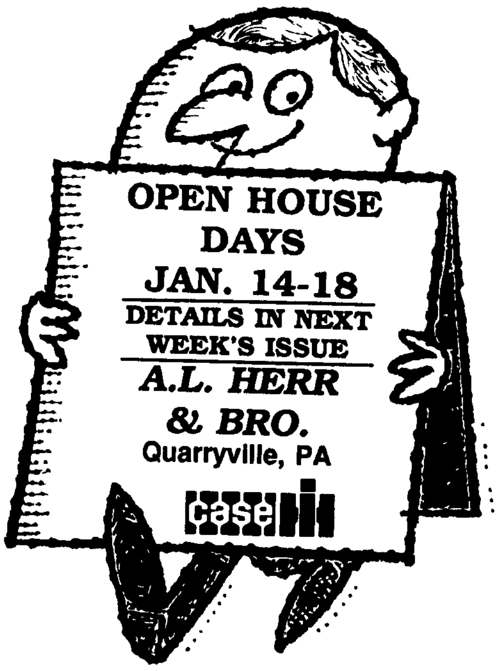
JD 2510 diesel, power shift, excellent rubber, fresh overhaul, $5,200. 301-833-9091

JD 3010 Backhoe loader. Int. 350 WFE utility tractor, 5' brushog and 8' blade Foley Bellsaw, 5 HP planer/molder 717/394-8775

JD 148 Loader w/mounting frame for 2840 or 2940 tractor, $2,800. JD 335 round baler, like new, $9,500. Gehl 360 skid loader, 260 hours, 3' wide machine, good condition, $3,500. Lanc. Co. 215/445-6311.

JD 1650, 4x4 tractor, approx. 1000 hours, very good condition. 215-926-2441.

JD 2350 4x4, excellent, $13,500. 301-833-9091



OPEN HOUSE DAYS
JAN. 14-18
DETAILS IN NEXT WEEK'S ISSUE
A.L. HERR & BRO.
Quarryville, PA
case IH

Best Buys in Used Equipment

TRACTORS & LOADERS

Case 2390, Cab, Power Shift
Magnum 7110, 2WD, Low Hours
Farmall 400 Gas
MF 300 Tractor Loader
Case 1845 Uniloader

IMPLEMENTS

NH 512 Manure Spreader
NH 1495 Self-Propelled Haybine, Dsl., Cab
NH 488 Haybine, 9' Cut, Rolls Excellent
NH 489 Haybine, 9' Cut
NH 273 Baler w/Thrower
NH 1495 Self Propelled, Gas, Vari Speed
NH 27 Forage Blower
NH 30 Forage Blower, 1000 PTO
NI 527 Disc Mower, 3 Pt. 7' Reconditioned
NI 214 Manure Spdr, 200 Bu., Endgate
NI 904 Corn Planter, 4 Row N, Extras
NI Flail Chopper, 5' Cut
NI 32' Elevator w/Motor Mount
JD 65 Forage Blower
JD 660 Manure Spreader w/Endgate
Gehl 99 Forage Blower
Gehl 2 Row Corn Head, Fits 600, 800 Harv.
Badger Forage Box, Roof, 3 Beater, Tandem
Kasten Forage Box, 2 Beater, No Roof
IH 800 Corn Planter, 4 Row
Glencoe 12' Field Cultivator
Deutz Fahr Hay Tedder 18'
Hesston 10' Swing Frame
White 256 Disk Harrow, 13' Tandem
Oliver Superior Grain Drill, 12x7
Hardee Rotary Mower, 3 Pt. 5' Hydraulic Offset
Wic Bedding Chopper, 3 Pt. PTO, 1 Yr. Old
Meyer 7' Snow Plow
Mighty Mac Skid Loader

ATTACHMENTS:

Case 72" Material Bucket Fits 54 Loader (New)
Case Uniloader Buckets (Fit 1830-1835 Series)
NI Endgate For 352 Manure Spreader
White No-Till Planter Coulters (Set Of 6)

A.L. HERR & BRO.

Park Ave., Quarryville, PA 17566
(717) 786-3521
We Ship Parts U.P.S.

case IH

16' SMUCKER MANURE ELEVATOR

Good Condition
717-560-9564
AMOS S. GLICK
RD 3, Box 313, Lititz, PA 17543

G&H Service, Inc.

Route 206 North
P.O. Drawer E
Newton, NJ 07860
(201) 383-3370

Outside NJ 1-800-545-1278
Toll Free NJ (Parts)
1-800-382-9207

Holiday Special

35 Ton Eager Beaver Detachable 8'6" Wide Trailer
$25,000
Including Fed. Excise Tax
Special 9DOW, 10HA, 10HDB, 12HDB, 20HAL Models

1984 Eager Beaver 9 Dow Trailer $2,800

CRAWLER LOADER

1972 JD450-B with regular Bucket, No ROPS	$12,500
Cat 1974 955L, soft cab	$18,000
1984 JD 455D w/4 & 1 Bucket	$24,000
1980 JD 450C w/B.H. Rops 4&1 Bucket	$21,000
1985 JD 555B w/ROPS & regular bucket	$32,000
1985 JD 555B w/ROPS & 4&1 Bucket	$30,000

CRAWLER DOZERS

1975 JD350-C Dozer	$14,000
1980 JD450-C Dozer, new bottom	$22,000
1984 JD450-D Dozer	$25,000
1985 JD450-E Dozer	$29,000

WHEEL LOADER BACKHOES

1984 JD 410B w/cab & regular hoe, Case controls	$22,000
1978 Dynahoe 200 4WD w/cab, side dump bucket	$12,000
1972 Dynahoe 190 with Cab	$9,500
1973 JD510 with Cab & 16' Backhoe, 80 HP, 8 spd. power shift	$12,000
1983 JD 510B w/ROPS	$22,000
1978 JD310-A with Cab	$16,000
1979 Case 480-C with Cab, 2200 hours	$12,000
1979 Case 580-C with Cab	$13,000
1984 JD410-B w/ROPS & Extendahoe	$22,000
1986 JD 410C w/Cab	$28,000
1985 JD515-B with Cab & side shift Backhoe	$27,000
1987 Cat 416 w/cab, 2 WD, 1150 hours	$26,000

WHEEL TRACTOR

1980 Case (David Brown) 1290, 4 WD, 3 Pt. hitch & loader	$9,500
1966 Ford 3400 with Loader, no 3 point hitch	$3,500
1972 MF Model 50A w/ROPS.	$7,500

HYDRAULICS EXCAVATORS

1986 JD 70 Excavator w/Blade & Offset Boom	$30,000
1975 JD 690B	$25,000
1986 JD 50 Excavator w/400 hrs.	$31,000
1986 JD 30 Excavator w/800 hrs.	$16,000
1988 70-D Excavator with Blade, long stick, 1300 hours	$36,000

4 WHEEL DRIVE LOADER

JD 544B, 1980, 2 Yard Bucket w/coupler	$28,500

JOHN DEERE

Repower With New JD Engines
Up-Grade Your Tractors, Pumps, Air Compressors, Generator Sets, And Most OEM Engine Applications.
2 Year Warranty With Options To 5 Years.

BATES CORPORATION

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For These Hard-To-Find And Discontinued Items, Call The IH Parts Specialist
(800) 248-2955 Call Toll Free
Thousands Of IH Parts On The Shelf Ready For Immediate Shipment

Guaranteed Best Prices On Factory Rebuilt TA's

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- Complete Rear Ends
- Wide Front Ends
- Starters
- Generators
- Rebuilt Clutches
- Pressure Plates
- Rebuilt Heads
- Wheels
- Carburetors
- Injection Pumps
- PTO Assemblies
- Gears, Axles
- Complete Motors
- New & Used Manifolds
- New & Used Hydraulic Pumps

SAVE YOUR $

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STEEL TANK

(1) 10 Feet Diameter, 25 Feet Long
½ " Thick - Last Used For Water
$1500.00

Tony Pignatelli
Bucks Co.
(215) 357-5996 After 6 P.M.

STAINLESS STEEL TANKS

(6) - 2'x22'x9' High With 2" Opening And ¾ " Opening; Open Top, Banded With Steel Frame, 3,000 Gal. Liquid Capacity Each. $2000. Each.
Bucks County
(215) 340-1520 Daytime
(215) 357-5996 After 6 P.M.

Int. 404 tractor w/mower; 424 Owatona grinder/mixer $2000 nice; JD 480 hay bine $350; Int. hay rake rubber teeth $400; Small NI manure spreader PTO $150. 717-733-7069

Int. 555 manure spreader, slop gate, hydraulic drive, 180 bu., $1,000. 301/898-7426.

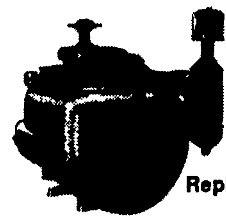
International 350 disc harrow, 12' cut, new disc on front, excellent condition $1500 717-436-8790

JD 1020 gas, like new, $4,500. 301-833-9091

NOTICE NOTICE NOTICE

BEILER ENGINE SERVICE

280 PENNSY ROAD
NEW PROVIDENCE
PA 17560



VH4D
Replacement Engines

Special Prices Starting At $1,695

Now Featuring For Farmers, Contractors & Homeowners Our Winter Discount Program.

10% Discount On Parts And Labor On Engines Scheduled For Repair Before Feb. 28, 1991.

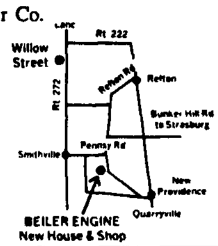
Get Your Engines In Shape Now For Spring We Can Repair, Overhaul Or Rebuild Your Engine We Stock Parts For Lombardini Diesels, Wisconsin, Kohler, Kawasaki, And Briggs & Stratton Engines.

Special Prices Starting At $1,695

- 15% Discount On All Wisconsin Parts Sold Over The Counter thru January
- Free Pickup And Delivery in Lancaster Co. If Scheduled Before Jan. 22, 1991
- Plus 10% Off On Repair Bills.

Write to 280 Pennsy Rd.
or Call 717-786-7943
Between 7:30-8:00 A.M.
To Schedule Pick-Up

LOMBARDINI



USED TRACTORS

"Will buy or trade tractors"

JD 2750 M4WD, 80 hp SGB	$21,800
JD 4430 QR trans., SGB, 125 HP	$13,800
JD 2940, MFWD, hi/lo, 2 hyd.	$13,500
JD 2550 diesel Ind. PTO, nice, 65 HP	$12,500
JD 4230 QR, cab, air, new tires	$11,600
JD 2640, 1982, 2 hydra roll bar & roof	$10,500
JD 2840 low hrs, 38" rubber, 1979, 85 HP	$9,500
JD 2840, late model, nice clean tractor.	$9,300
JD 2640 hi/lo 2 hyd. Ind. PTO, 70 HP	$9,200
JD 2440 new paint, 60 hp, 1982,Ind. PTO	$8,900
JD 2240 diesel 1982, new paint, 50 HP.	$8,800
JD 2640, hi/lo, new tires, Ind. PTO	$8,600
JD 2440 Ind. PTO 2600 Hrs., 60 HP	$8,500
Case 1845 Unilaoder, 720 original hrs	$8,400
JD 2640, dual hyd., Ind. dual PTO	$7,800
Case 970 w/cab, PS, 93 HP	$7,500
JD 4020 PS, SOLD f. lock, new paint	$7,500
Case 1835B Unilaoder, 1210 original hrs.	$7,200
JD 4020, WF, cab, 2 hyd, gas, overhauled	$5,800
JD 2020 overhauled, painted, hi/lo, 55 hp	$5,700
JD 4010 diesel, NF, original, 90 HP	$5,500
JD 2510 diesel, WF, nice, 55 HP	$5,500
JD 3020 dies SOLD ce 74 HP	$5,400
JD 3010, WF, 3020 kit, nice	$5,200
JD 4010 WF, 4020 kit, new paint	$5,000
Case 1830 uni-loader, hydro	$4,800
JD 2020 gas, recently overhauled	$4,200
JD 3020 gas NF S/R trans	$3,800
JD 48 loader off 3020	$1,600
Newer Royal SOLD cab to fit 4020	$1,200
28' Little Giant elevator w/motor	$1,150
JD 3⅛ ", axle duals 18x4x38	$900
M & W Turbo Kit for JD 4020	$800
Roll over protected cab for JD 4020	$700
2 used hay rack wagons	$600 ea.
Loader To Fit JD 430 w/Valve	$500
JD green roof roll bar for utility tractor	$325
5 ton newer 505 Grove wagon gear w/tires	$300
IH front end hang-on wts.	$45

Zimmerman Elevators, Hay Tedders
Wagon Gears & Forage Wagons
Farmco Metal Feeder Wagons, Bale Bodies & Country Boy Gravity Bins
JD Front & Rear Weights

Reiff Farm Service
275 Goodhart Road, Shippensburg, PA 17257
Interstate 81 Exit 10
717-532-8601 Can Finance

WHITE FARM EQUIPMENT

NEW EQUIPMENT

WHITE-
- 598 5/6 Bot. Plow
- 5100 4-Row Planter w/Dry Fert.
- American Series 60, 4WD, Green
- Workhorse 125 Tractor w/Cab
- No. 445 Conservation Chisel Plow

GEHL-
- HT 243 Tedder
- HT 242 Tedder
- FB 1540 Blower
- FB 1560 Blower
- FB 1580 Blower
- MC 2170 Mower Cond
- BU 970 Forage Box, 16 Ft.
- CB 1060 Forage Harvester
- MS 315 Spreader
- RR 262 Rotary Rake
- F 7190 Feeder Wagon

BRILLION-
- Deep-Til Implement
- 14 Ft. Spring Tooth Harrow
- 12 Ft. Pulverizer

NI NEW IDEA
FARM EQUIPMENT

NEW IDEA-
- 3618 Spreader
- 3622 Spreader
- 3632 Spreader
- 406 Hydraulic Rake
- 484 Round Baler
- 5209 Disc Mower Cond.

USED EQUIPMENT
- NI 323 1-Row Cornpicker
- NI 243 Spreader
- Allis 185 Diesel Tractor
- Oliver 1800 Gas
- Grove Forage Box 14 Ft w/Roof
- Kuhn FA372 3 Pt. Hitch Sickle Bar
- White 256 Disk Harrow
- Int. 550 Manure Spreader

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

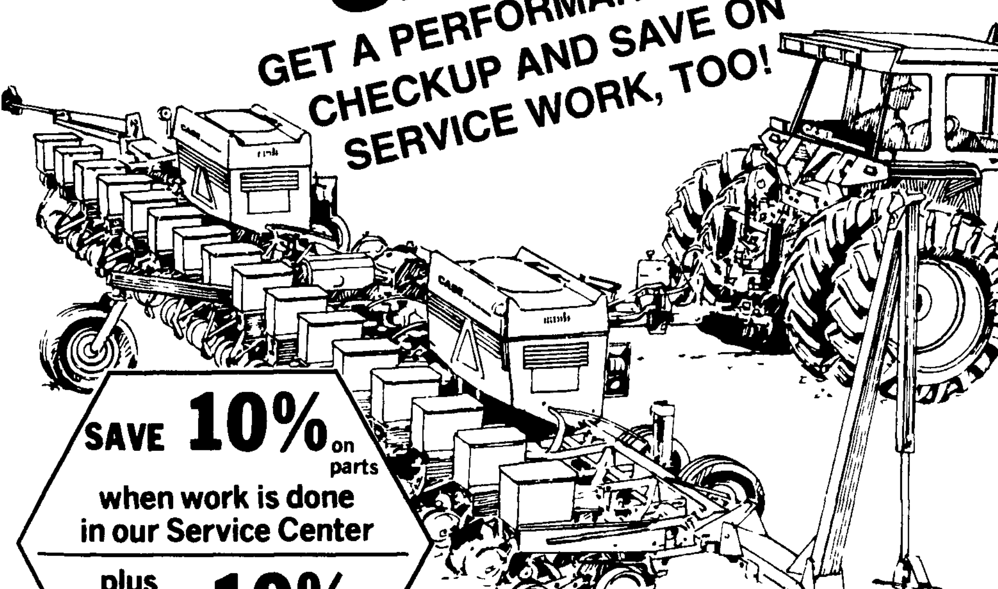
PARTS VALUE OF THE MONTH

case IH

Pre-Season Service Savings

BE READY FOR SPRING

GET A PERFORMANCE PLUS CHECKUP AND SAVE ON SERVICE WORK, TOO!

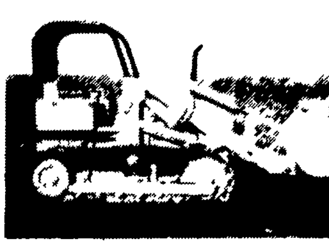


SAVE 10% on parts when work is done in our Service Center
plus SAVE 10% on labor

Get your tractor and equipment in top shape for the busy season and save at off-season prices.
Don't wait until the busy season hits. Get your tractor ready to roll now at special Pre-Season Service Savings.

Don't Delay...Call Doug Today
WE SHIP UPS

MESSICK FARM EQUIPMENT, INC.
Farm Equipment Is Our Business
RHEEMS EXIT, RT. 283, ELIZABETHTOWN, PA
Phone (717) 367-1319, 653-8867 OR CALL TOLL FREE 1-800-222-3373
We Ship UPS



JD 450B excellent
~~$12,000~~ $11,000

JD 310A excellent condition
~~$12,000~~ $11,000

Nelson Payloader cummins $3,500
JD 450C, 6 way engine overhauled, good cond., $12,000 $11,000
JD 9300 Backhoe attachment $2800
JD 450B, 6 way, new grousers $10,000
JD 450 crawler loader, rebuilt trans. and steering clutches $9,500
JD 350B crawler loader, excellent, $8,250
Case 480B backhoe, $6,800
Case 480D backhoe, $10,000
JD 450C crawler loader, excellent, 1 owner $14,000
JD 9300 backhoe attachment $3,200

J & F Equipment
(717) 859-3283
No Reasonable Offer Refused

— *Notice* —

Is that piece of equipment or tractor still not working?

Maybe you should give us a call! We try to fix almost anything if you give us a break! Also aluminum and stainless steel welding, fabrication work and machining.

MILLERS WELDING
Route 372
Christiana, PA 17509
Answering Service (215) 593-6112

Nothing runs like a Deere

TRACTORS

JD 2955 2WD w/Cab, New Warranty, Rental Unit	Call For Price
Kubota B-6200 4WD Front Blade, 140 Hours	Call For Price
IHC 1066, Nice	Call For Price
JD 4050 MFWD w/Cab, 1 Owner, 2200 Hrs	Call For Price
Ford 3000 PS, Excellent	$ 4,500
JD 2510 WF, Gas w/Kelly Loader	$ 5,750
Oliver 550 Diesel, New Engine	$ 4,500
JD 2350 w/Hi-Low Rack & Pinion, Exc	Call For Price
JD 4000 1972 Model WF 18 4x38 Tires, Exc	Call For Price
JD 4250 w/Cab, Heat, Air, Exc	Call For Price
JD 2940, Excellent	Call For Price
MF 2675 Cab Heat, Air, 2200 Hrs, 1 Owner, Excellent	Call For Price
JD 2840 Tractor, Excellent	Call For Price
MM 335, 3PT Hitch, Wide Front	$ 2,800
JD 650 MFWD w/60" SOLD Mower, 20 Hrs, New Warranty	$ 7,950
JD 4050 1987 Model 4 Post PS	Call For Price
Farmall 400 w/Pulley, Fast Hitch, New Torque and Motor	Call For Price
JD 2750 w/146 Loader, 1300 Hrs, Like New, 1986 Model	$20,900
JD 2150 w/Turf Tires, 45 Hrs, Like New	Call For Price

COMBINES

JD 30 Combine PTO	Call For Price
JD 25A Combine PTO	Call For Price
JD 4400 Gas.	$ 4,995
(3) JD 6600 Combines	Starting at $ 4,500
IH 1460 Combine, 3900 Hrs.	$12,900
IHC 205 w/10' Grain SOLD & Cab, Nice	$ 4,750

CORNHEADS & GRAIN PLATFORMS

JD 643 Corn Head, Excellent	$ 6,450
JD 213 Platform, Flex Head	$ 3,750
Gehl 2 Row Adjustable Snapper Head	$ 1,595
NI 844 Snapper WR	$ 2,000
AC 3RN Cornhead w/Hesston Snapper Head Adapter	$ 2,300

MISCELLANEOUS

JD 210 Disc, Excellent	$ 3,750
JD 143 Loader Indp Valves	$ 1,900
2 NI 323 1 Row Pickers	Starting at $ 1,795
Artsway 425 Grinder/Mixer	$ 2,995
JD 8300 18x7 Grain Drill, Like New	Call For Price
JD 110 Disc, 11'5"	Call For Price
Bobcat 743 Diesel Skid Loader w/2 Buckets	$10,900
McCurdy 12 Ton Tandem Chassis	$ 1,000
Spreader Box	$ 750
JD 1550 Powertill Seeder w/Grass Seeder, Nice	$ 3,250
NI 325 Picker Sheller	$ 2,500

HAY EQUIPMENT

JD 336 Baler w/30 Ejector, 1980 Model	Call For Price
NH 326 Baler w/Thrower, Loaded, Hyd Bale Tension & Controls	Call For Price
JD 7' Grass Head	$ 2,250
NH 469 Haybine	$ 1,995
JD 24T Baler w/30 Ejector	$ 1,850
NH 1112 Self Propelled Windrower	Call For Price
Hesston 6555, Self Propelled Windrower w/12' Head, 900 Hrs, Excellent	Call For Price
JD 350 mower	$ 1,750
NH 315 Baler w/Thrower	~~$4,000~~ $ 2,995
NH 282 Baler w/Thrower, Excellent	Call For Price
NH 273 Baler w/Thrower	$ 2,500
NI 555 Baler w/Thrower	~~$4,000~~ $ 3,250
JD 670 Hay Rake, 9½', Rubber Teeth, Gauge Wheel	$ 1,895
Hesston 5510 Round Baler, Nice	~~$6,450~~ $ 5,850

FORAGE EQUIPMENT

JD 3940 Harvester w/Elec. Controls 2RN, 5½' Pickup w/Gauge Wheels	Call For Price
Complete Cutter Head For JD Self-Propelled Forage Harvester	$ 3,000
JD 3960 Harvester w/Controls & 7' Grasshead	$ 9,000
IHC 555 Forage Harvester w/2RW & Grasshead	$ 2,500
Papec Forage Harvester w/Grasshead & 2RW	$ 800
JD 716A Forage Wagon w/1275 Tandem Chassis, Nice	$ 6,250

MANURE SPREADERS

5 - NI Manure Spreaders	$700-$ 1,100

WINELAND EQUIP. INC.

RD 2 Rte. 164 East
Martinsburg, PA 16662
Phone 814-793-2109
In PA Call 1-800-424-6543

USED EQUIPMENT

- NH 495 Haybine
- (2) NH 489 Haybine
- A 6R 30" Head for AC Combine
- JD 4400 Combine w/13' Grain & 4 RN C.H
- Hesston 7150 Forage Harvester
- White 5100 6R No-Til Planter, (Sharp)
- White 5100 4 Row Planter
- JD 7000 12R Corn Planter
- Badger Manure Spreader
- NI 213 Manure Spreader
- Int 56 4R Corn Planter
- Hesston PT10 Windrower
- Hay Buster 107 No-Til Drill
- Vicon 15' Power Harrow
- White 6342 3 Bot. Roll-Over Plow (New, Weathered)
- (2) JD 1209 Windrower
- MF 128 Baler w/Thrower
- White 2-85 Tractor w/Cab
- White 8700 Combine
- White 8900 Combines
- Farmall M Tractor
- Westfield 8x51 Auger
- Vicon 2400 Lb Fertilizer Spreader
- NI (New) 109 Fert Spreader

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

Best Buys in Used Equipment

Case IH 7110 Magnum, 2WD w/720 hrs.

USED TRACTORS

Farmall C w/cultivator	Oliver OC-3
Farmall Cub	IH 3088
Farmall 9(SOLD	IH 3688

Vicon disc mower conditioner, nice condition

USED EQUIPMENT

- IH 963 corn head
- Case 1845B skid loader
- IH 1190 9' mower conditioner
- Brillion cultipack SOLD 9' w/hyd. flat fold w/dual whl. sport
- Brillion 14' cultimulcher, like new
- JD 12' SOLD ulcher
- Ford model 142, 4 btm. plow w/auto reset
- Ford model 140, 3 btm. roll-over plow
- NI 323 1 row corn picker

Eckroth Bros. Farm Equipment

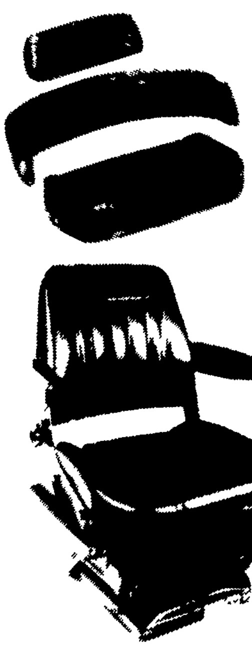
RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

OPEN HOUSE

January 28 - February 2

COMPARE OUR PRICES AND SAVE!

For Agricultural Equipment



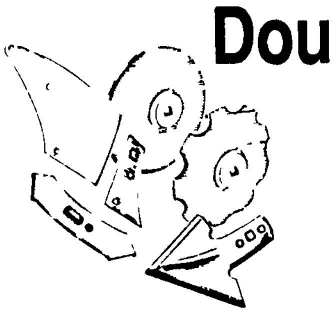
	List	SALE
D. Upper backrest-387177R92	$29 62	$14.29
E. Back cushion-387174R92	$81 53	$44.77
F Seat cushion-400711R2	$117 27	$53.96

Above three items fit:
Combines: IH 403, 503, 614, 715, 815, 915
Tractors: IH 504, 544, 656, 666, 686, 706, 766, 826, 856, 966, 1026, 1066, 1206, 1256, 1456, 1466, 1468, 1566, 1568, 4166, 4186, Hydro 7086, 100.

MECHANICAL SUSPENSION
IH 06, 56, 66
Series Tractors

ZSA6175
$145.38

ZSA6173
$340.95



Double Case IH Savings

Free Bolts* Plus GIANT Discounts

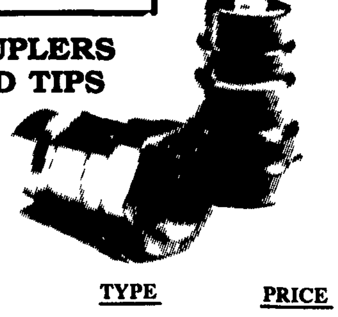
	List	ONLY
14" & 16" Flat Shares	$11.41	$6.75
463236R1 Rockshare	$16.14	$9.25
Earth Metal Moldboards 9600001	$85.13	$54.95
Shins 13200101	$13.69	$8.98

** with purchase of 6 shares, 6 shins, or 1 moldboard*

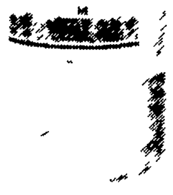
AM-FM FENDER MOUNT

ZVX300TRA **$112.49**

COUPLERS AND TIPS



PART #1	TYPE	PRICE
1272399C2	Male, 7/8"-14 UNF	$2.49
1272770C2	Male Tip, ½ " NPTF	$2.49



Bring In Your Drum For A Refill

55 Gal.	ONLY
Hytron Plus	$214.50
#1-30w	$211.75

GREASE TUBES

ONLY 99¢

List $1.24
407188R1

★ Watch For More Details In Future Issues! ★

MESSICK FARM EQUIPMENT, INC.
Rheems Exit- Rt. 283, Elizabethtown, PA
717-367-1319; 717-653-8867
Toll Free In PA: 1-800-222-3373

Best Buys in Used Equipment

- Lely Vacuum Tank w/Injectors, Like New
- NH 853 Round Baler, Wide Pkp. Netwrap, Demo.
- NH 316 Baler w/70 Thrower

TRACTORS

- IH 666 Hydro Tractor, 3 Pt., Wide Front, Exc. Cond
- IH 1586 Tractor
- IH 574 Tractor
- IH 5088 Tractor, Exc. Cond.
- IH 1066 Tractor w/Cab
- Farmall H Tractor
- IH 460 Tractor
- Same Tractor, 4WD, Cab, 95 H.P.
- IH 856 Tractor w/Cab
- IH 674 Tractor w/Loader
- Artsway Forage Box, Like New
- NH 1010 Auto. Bale Wagon
- NH 489 Hydroswing Haybine
- NH 900 Harvester, Metal Detector, w/900W Pick-Up
- Case IH 1480 Hydroswing
- IH 844 Cornhead
- NH 819 N4 Cornhead
- NH 27 Blower
- Hesston Stack Wagon
- NH 25 Blower
- NI One Row Corn Picker
- NI 305 Picker w/316 Husking Bed
- NI 7 Single Row Picker

SKID LOADERS

- Case 1835 Diesel w/Bucket
- Case 1816 Loader w/Bucket
- NH LB620 Loader/Backhoe, 4x4, 56 H P. Diesel, 450 Hrs., Like New
- Case 1830 Skid Loader
- NH L445 Skid Loader, 900 Hrs.
- JD 70 Skid Loader w/Fork & Bucket
- NH L425 Skid Loader
- NH L555 Skid Loader w/Bucket, Excellent

PLANTING & TILLAGE

- MF 18 Ft. Rock-Flex Disc Harrow, Hyd. Wing
- White 252 12 Ft. Disc Harrow
- AC 333 Planter, 6 Row, Exc. Cond.
- IH 56 6 Row Planter
- IH 3 Bottom 440 Plow
- IH 37 10 Ft. Disc
- NH TD50 Disc Harrow, Like New
- Krause 18 Ft. Wing Disc
- IH 475 12 Ft. Disc Harrow

HAY & FORAGE

- NH 326 Baler w/70 Thrower, Clean
- NH 315 Baler w/Thrower
- NH 278 Baler w/Thrower
- JD 336 Baler
- Vermeer 605C Round Baler
- IH 27 Baler w/Thrower
- NH 411 Discbine, Nice
- IH 720 Forage Harvester w/2 Row Cornhead, Pick-Up
- IH 1895 S P. Harvester, Metal Detector, 4WD, 4 Row Cornhead, Pick Up
- NH 1495 SP Haybine, 12 Ft. Head
  NH 495 Haybine, 12 Ft.
- NH 489 Haybine
  JD 480 Mower-Conditioner
- Hesston PT10 Mower-Conditioner
- McConnel 450 Potato Harvester, Exc Cond.

SPREADERS

- NH 676 Spreader
- NI 355 Tandem Axle Spreader, 550 Bushel, Top Beater, Hyd. Endgate, Exc. Cond.
- NH 795 Spreader
- H&S Spreader, Hyd. Drive

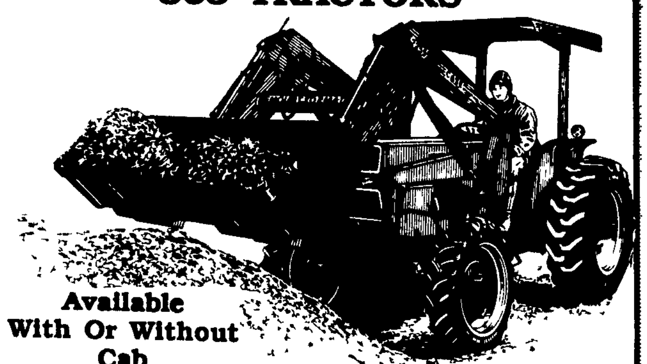
MISC.

- IH 1150 Grinder Mixer
- 20.8x38 Dual Wheels
- NH 30 Blower, 1000 RPM
- Farmhand Grinder/Mixer
- Myers 7½' Snowplow
- NH 357 Grinder Mixer

MESSICK FARM EQUIPMENT, INC.
Rheems Exit- Rt 283, Elizabethtown, PA
717-367-1319, 717-653-8867

case IH

CASE IH 485, 585, 685, 865 TRACTORS

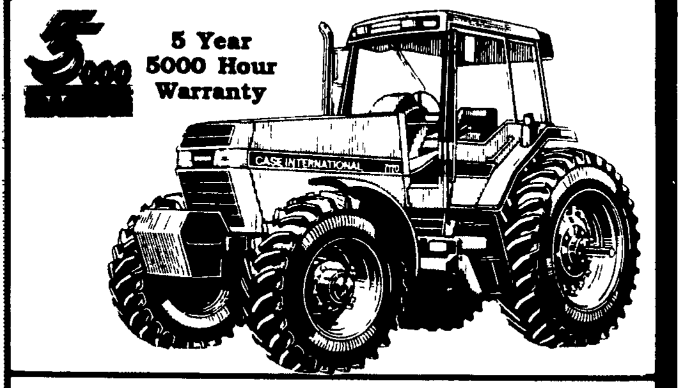


Available With Or Without Cab

CASE IH MAGNUM TRACTORS

7110 — 130 H.P. 7130 — 175 H.P.

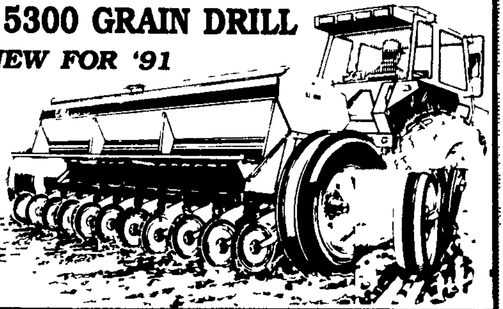
DEMO UNITS IN STOCK:
7120 — 150 H.P. 7140 — 195 H.P.



5 Year 5000 Hour Warranty

CASE IH 5300 GRAIN DRILL

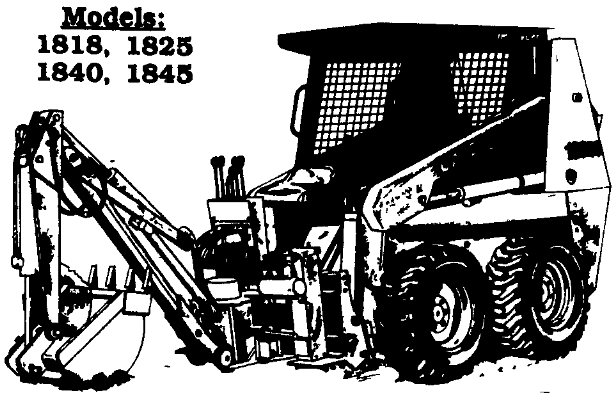
NEW FOR '91



20x6, 24x6 Grain & Soybean Special!

CASE IH SKID STEER

Models:
1818, 1825
1840, 1845



Look For Our
OPEN HOUSE
Coming Jan. 28 - Feb. 2
Details In Upcoming Issues

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 367-3413

MESSICK FARM EQUIPMENT, INC.
Rheems Exit- Rt. 283, Elizabethtown, PA
717-367-1319, 717-653-8867
Toll Free In PA: 1-800-222-3373

case IH

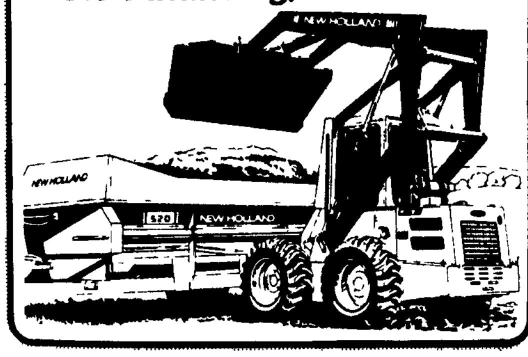
Ford Credit

TEAM UP WITH US! Your Ford New Holland Equipment Headquarters

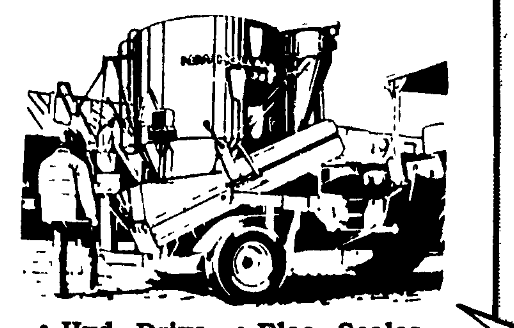
FORD NEW HOLLAND

NH SKID STEER LOADERS

0% Financing/12 Months



NH 358 GRINDER MIXERS

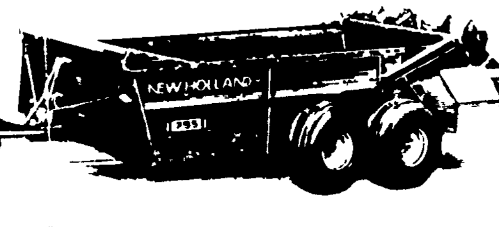


- Hyd. Drive • Elec. Scales

0% Fin./12 Mth. Or Waiver 3/1/91

NH 795 SPREADER

w/Hyd. Gate, Splash Guard, Top Beater
Built For Heavy-Duty Hauling

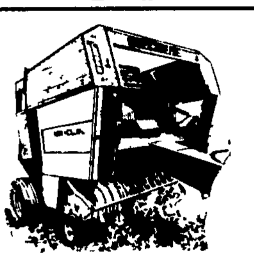


OTHER MODELS AVAILABLE:
328, 514, 520, 680, 791, 795

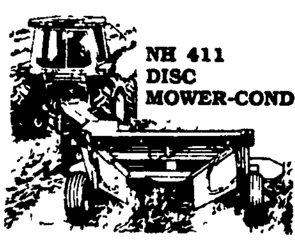
WINTER BUYER'S DIVIDEND

SAVE $75 TO $18,095
By Purchasing Your Equipment
Before January 31, 1991.

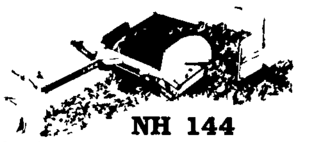
Lease Equipment — Get A Tax Break



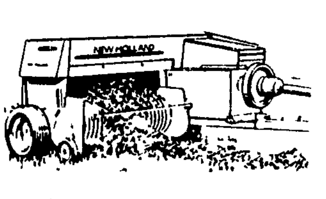
NH 630, 848, 853, 855 BALERS



NH 411 DISC MOWER-COND.



NH 144 WINDROW INVERTER



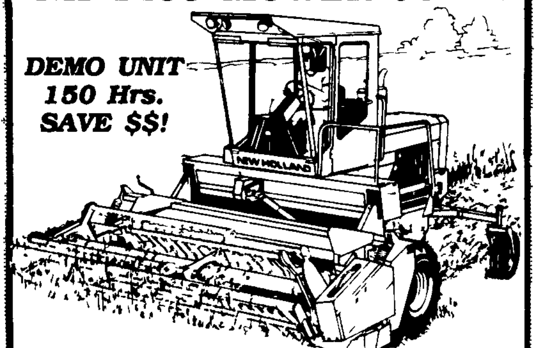
NH 565, 570, 575 BALERS w/72 THROWERS

Look For Our OPEN HOUSE Coming Jan. 28 - Feb. 2

MESSICK FARM EQUIPMENT, INC.
Rheems Exit-Rt. 283, Elizabethtown, PA
717-367-1319, 717-653-8867
Toll-Free In PA: 1-800-222-3373

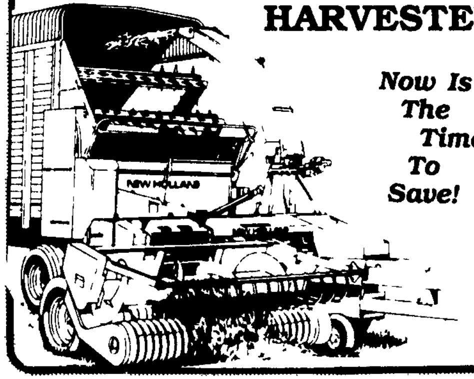
NH 1499 MOWER-COND.

DEMO UNIT 150 Hrs. SAVE $$!



Cut Low, Clean With On-The-Go Hyd. Angle Cutter Bar!

NH 790 & 900 FORAGE HARVESTER

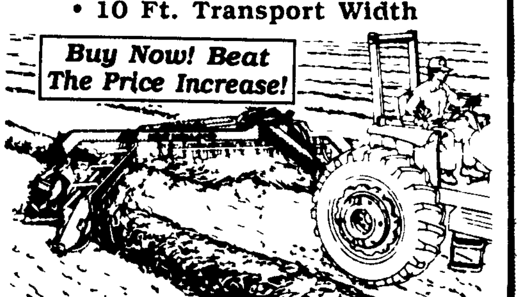


Now Is The Time To Save!

NH 216 UNITIZED RAKE

- Big 27 Ft. Raking Capacity
- Adjustable Operating Width-Hydraulic
- 10 Ft. Transport Width

Buy Now! Beat The Price Increase!



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Large Selection
Save 50%

W.C. Littleton & Son Inc.
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Laurel, DE 19956
302-875-7445

Axle duals w/18.4x38 radial tires, 3/4 tread, fits IH tractor.

Junge Farms, Inc.
Rt. #1, Box 1533,
New Tropoli,
PA 18066
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FORD
NEW HOLLAND

FORD TRACTORS

- New 2910
- New 5610
- New 7710 w/Cab
- Used 4000, 4 Cyl.
- Used 871 Dsl.
- Used 8N
- Used 9N

NEW HOLLAND

- New 489 Haybine
- New 488 Haybine
- New 472 Haybine
- New 308 Manure Spreader
- New 716 Forage Box
- Used 479 Haybine
- Used 272 Baler w/SS
- Used 273 Baler w/SS
- Used 273 Baler w/ Thrower
- Used 315 Baler w/ Thrower

OTHER TRACTORS

- New Bolens H152 Dsl.
- New Bolens H174 Dsl.
- Used Case 611 B Tractor

OTHER EQUIPMENT

- New Kuhn FC300 Disk Mower Conditioner
- New Ford 133 High Clearance Chisel Plow
- New Ford 101 Moldboard Plow 3B x 14"
- New Ford 140 3B x 16" Mtd. Moldboard Plow
- New Ford 150 Mtd. Moldboard Plow 3 B-16"
- New Ford 151, 4B x 16" Auto Reset Plow
- New Ford 151, 4B x 18" Auto Reset Plow
- New Glencoe 12'9" Soil Finisher
- New Glencoe Soil Saver 5 Shank
- Used JD 12' Lift Type Spring Tooth Harrow
- Used Kuhn Pull Type Tedder
- Used Woods RM 59 Finish Mower
- Used JD 494A Corn Planter
- Used Ford 930A 5' Finishing Mower
- Used Ford 501 Sickle Bar Mower
- Used NI 212 Manure Spreader

We Ship Parts UPS Same Day

Only 15 Miles North Of PA Farm Show Complex

Sweigard Bros. Inc.
3882 Peters Mtn. Rd.
Halifax, PA 17032
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Since 1937

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920 Cat Loader

With Hold Down Clamps With Waste Bucket, Runs Well and Looks Good
$16,500
717-438-3354

Best Buys In Used Equipment

TRACTORS

Case 970D Fender tractor, mechanic special	**$4,500**
IH 986D w/cab, 1200 hrs.	**$19,500**
IH 666 Gas 2800 hrs , year-a-round cab, 3 pt. hitch	**7,600**
IH 584D, 1500 hrs.	**10,700**
IH 884D row crop	**9,800**
IH 684D, 3000 Hrs , new clutch T/A	**9,500**
Case 1845 uni-loader	**7,500**
IH 154 Cub LoBoy w/60" undermount mower	**3,200**
F-300 gas	**1,000**
F-300 gas	**coming In**
F-M	**850**
F Cub with 60" mower	**2,800**
F. Cub 1 pt., FH, sickle bar mower	**3,800**
AC C tricycle reconditioned, like new	**1,500**
Sickle bar mower for F. Cub	**350**
Cultivator for F-Cub	**200**

TILLAGE

IH 700 6x16 auto-reset plow	**2,450**
JD 1350 5x16 shifting hitch, semi-mount	**2,500**
IH 550 5x18 plow shift hitch	**1,350**
IH 510 5x16 plow	**1,650**
IH 440, 3 bottom, 18" plow	**950**
White #348 3116 3 pt. plow	**750**
JD 3x16 3 pt plow	**575**
Brillion chisel plow, 10 ft., 3 pt. hitch, high clearance	**1,150**
Dunham trailing plow, 8 ft. high clearance	**1,150**
IH #37 transport disk	**950**

COMBINES AND HARVESTING

IH 205 w/13" plat. and corn head	**parts only**
IH 315 hydro combine w/grain & 2 row corn heads	**parts only**

PLANTERS & DRILLS

Case IH 5100 20x6 grain drill combo w/press wheels	**Coming In**
IH 5100 grain drill, 18x7	**3,650**
IH 58 4-row w/fert	**600**
IH 400 6-row planter	**400**
IH 4-row corn planter, double disk	**parts**
IH 400 air planter	**make offer**

HAY AND FORAGE

IH 37 baler w/o thrower	**850**
IH 47 baler w/o thrower	**1,150**
IH 440 baler	**1,800**
IH 430 baler w/thrower	**2,350**
IH 35 hydraulic drive rake	**800**
IH 1190 mower conditioner, 9 ft	**3,750**
IH 1190 mower conditioner	**3,600**
IH 1190 mower cond , 9 ft	**2,200**
Gehl forage harv w/hay p/u & 2-row corn head	**make offer**
Fox #2300 forage harv w/hay p u & corn head	**2,800**

MISCELLANEOUS

36' Hay Elevator w/motor	**$875**
IH 550 spreader w/hydraulic endgate (2 yrs old)	**2,500**
3 Surge milker unit w/elec pulsation.	**300**
IH 2250 loader w/mat bucket	**2,200**
Dunham-Lehr loader	**1,200**
Loader for 8N Ford.	**450**

LAWN AND GARDEN

IH 1772 Cub Cadet, 17 hp diesel w/46" mower, 150 hrs., like new	**4800**
IH 1100 Cub Cadet w/mower	**1,175**
IH 1200 Cub Cadet 12 HO w/44" mower	**1,850**
IH 1100 Cub Cadet w/44" mower.	**1,175**
124 Cub Cadet w/mower	**950**
127 Cub Cadet	**1,000**
IH 106 Cub Cadet, 10 HP w/mower.	**1,000**
IH 100 Cub Cadet, 10 HP w/mower	**800**
IH 72 Cub Cadet w/mower	**775**
80 Cub Cadet lawn tractor w/mower	**650**
Gilson 11 HP w/mower	**650**
42" snow blower	**375**

INCH EQUIPMENT CO.
E. Main St. • McAlisterville
(717) 463-2191

case ih

6,000 Lb. Cap. Mastercraft, 22' Lift, Sideshift, Ford Diesel, Very Good Condition
$7,500
301-486-6691

Bucyrus-Erie H-3's Hydro Cranes
1 w/Clam Shell Bucket
$6,500
Other One **$4,500**
(301) 486-6691

COMBINES

Waiver of Interest Till Sept. 1, 1991

- **1990 JD 9500 w/4WD, 271 hrs., 920 flex cutterbar, 643 corn head**
- **1990 JD 9600 w/4WD, 309 hrs., JD 920 flex cutter bar, JD 843 corn head**

- **1979 JD 7720 w/Mud Hog drive, 216 flex cutter bar**
- **1982 JD 8820 w/4WD, 1,965 hrs. w/222 flex cutter bar, JD 843 corn head**
- **1982 JD 8820, 4WD w/224 flex cutter bar**
- **1981 JD 8820 w/4WD, dual tires w/JD 220 flex cutterbar, 843 corn head**
- **1981 JD 7720 w/218 Flex Cutter Bar**
- **JD 922 flex cutter bar**
- **JD 218 flex cutter bar**
- **JD 444 Corn Head, Hi-Tin**
- **JD 643 corn head**

TRACTORS

- JD 3010 gas, WF
- 1990 JD 2555, 97 hrs.
- JD 2940 Fender Tractor
- IH 2656 hydro w/new 2250 loader
- 1972 JD 4320
- 1989 Case IH 685 w/cab, front whl. drive, 700 hrs.
- 1983 JD 4450, cab, w/MFWD, power shift
- 1985 JD 4450, cab w/MFWD, quad range, 1,085 hrs., w/dual 18.4x38 tires

MISCELLANEOUS

- JD 158 loader, 72" bucket
- JD 1550 power till seeder

- JD 1408 rotary cutter, like new
- IH #60 flail mower, 14'
- JD RG 4 row cultivator, (4 row wide)
- JD 7000 6-30 planter, dry fert., insecticide monitor
- JD 12 row soybean special planter
- JD 27 Flail Shredder
- JD 265 loader
- AC 11 row planter
- Dunham 14' Crowfoot Packer
- Brillion 18' Gang Crowfoot Packer
- Brillion 13'8 roller harrow

W.N. COOPER & SON, INC.
Morgnec Rd. Rt. 291
Chestertown, MD
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JOHN DEERE

COLLECTORS CORNER

JOHN DEERE'S

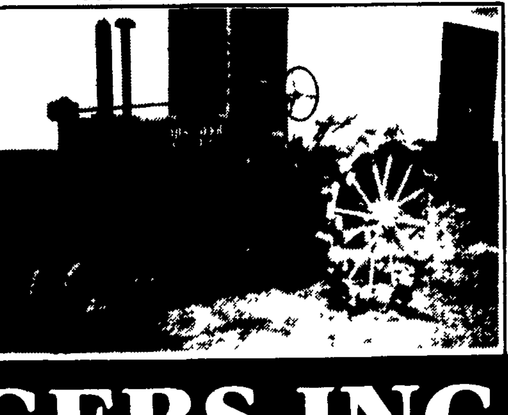
- (5) 830's
- (8) 730's
- (3) 630's
- (1) 530
- (2) 435's
- (4) 430's
- (5) 820's
- (5) 720's
- (3) 620's
- (3) 520's
- (3) 420's
- (3) 320's
- (4) 80's
- (2) 70's
- (4) 60's
- (1) 50
- (3) 40's
- (9) A's
- (8) B's
- (5) D's
- (3) G's & GM's
- (5) H's
- (6) L's, LA's, LI's
- (5) M's, MT's
- (3) R's
- 4020 P.S. High Crop
- (2) 440 Crawler's

OTHERS

- Case VAC- WF- 3 Pt.
- (2) Case 400 Hi Crop
- Case 830 Hi Crop
- Ferg. TO30- Rare Variation
- Ford 2000-100 Hours
- (2) Ford 8N- 1 Has 400 Hours
- Farmall 560- 1500 Hours
- IH Spirit Lawn & Garden w/Tools
- MH Pony
- Oliver 1550 Hi Crop
- Oliver 1650 Hi Crop
- Oliver Super 77 Hi Crop
- (2) Oliver 60
- Oliver 66
- (2) Oliver Super 77
- Oliver HG Crawler
- Oliver OC46 Loader
- Oliver OC4

1937 John Deere A, Unstyled, Tip-Toe Steel, Runs Good, Good Paint, Radiator Shutters.

Only $2900



HOURS:
Mon.-Fri.
7:30 To
5:00
Saturday
7:30 To Noon

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067
1-800-552-5080
717-866-2130 (Days) Or 717-866-7147 (After 5:30 P.M.)

Dear Valued Customers:

Weaver's Annual Discount Days starting January 2 through January 31, 1991 have highest season discounts of the year. Buy NOW and SAVE! Look for our ad in the Lancaster Farming dated Dec. 29, 1990 & Jan. 12, 1991.

A special note to our large buyers: Please submit your large orders of $500.00 or more Now for a bonus discount of 2% prior to the Open House Jan. 15, 1991 to be processed for pickup.

Att: The 2% Bonus is only on orders received prior to January 15, 1991. Order by mail or phone.

10% on all other parts not discounted.

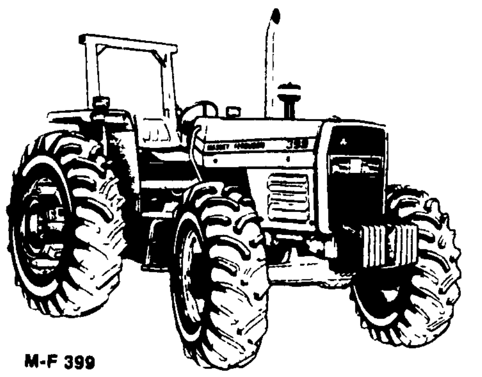
Welcome to our Open House Day - January 15, 1991 for a free lunch. Register for one of eleven door prizes with 1st prize being a 1000 PSI Pressure Washer!

Thanks for your support!

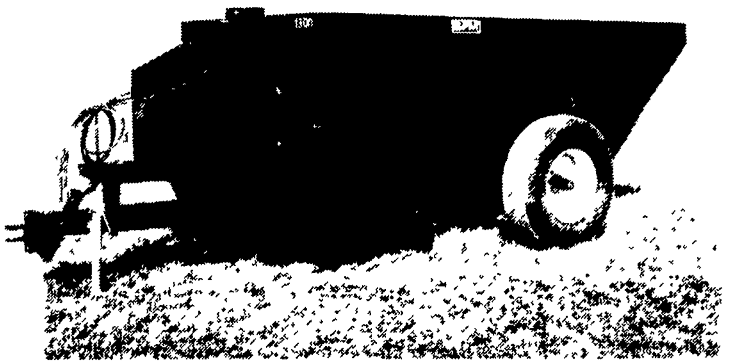
M.M. Weaver & Sons, Inc.

P.S. We wish you all a Prosperous New Year!

1989 Demonstrators End Of the Season Clearance



M-F 399

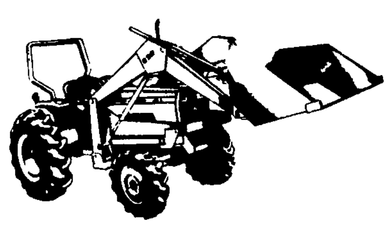


SFM* #1100 (Gal.) 270 Bushel Single Axle	$5,389.00
SFM* #1700 (Gal.) 350 Bushel Tandem Axle	$7,900.00
SFM* #2500 (Gal.) 525 Bushel Tandem Axle	$10,900.00

*(Formerly Pequea)

LUCKNOW MIXER WAGONS

Heaviest And Best TMR
#285 Cu. Ft. Lucknow With Electronic Scale
In Stock - Call For Demonstration



35 Compact Tractors Back From Lease Contracts

Low Hours-
Low Prices

MASSEY-FERGUSON VARITY

THE ONE TO SEE

1030 - 2WD, 26 HP, Ag Tire	$6,700
1030 - 4WD, 26 HP, Ag Tire	$8,000
1035 - 2WD, 31 HP, Ag Tires	$7,600
1035 - 4WD, 31 HP, Ag Tires	$8,900
1045 - 2WD, 35 HP, Ag Tires	$8,650

NEW AND USED IMPLEMENTS

PLOWS & TILLAGE

MF 115 Coulter Chisel Plow	$5,200
Landoll Field Cultivator	$2,800
Sovema 3 pt. Rotary Tiller	$1,075
MF 6 Row Cultivator	$800
Noble 4 Row Cultivator	$2,150
Unverferth Field Cultivator	$2,300
Yetter 15' Rotary Hoe	$2,625
JD 15' Cultimulcher	$3,500
JD AW 11' Disk	$1,200
Ford 4-16" 3 Pt. Plow	$800

ROTARY CUTTERS, BLADES & LOADERS

Woods RM600 Rotary Cutter	$1,550
Brady 840 Stalk Chopper, 84"	$3,200
MF 220 5' Rotary Cutter	$1,050
York 75 HP Rated 8' 3 pt. Blade	$1,075
York 100 HP Rated 8' 3 pt. Blade	$1,275
Dunham 22 Front End Loader	$3,350
Dunham 30 Front End Loader	$2,800
Myers Front Mtd. Snow Blade	$1,400
Woods 306 Mid Mount Mower For A 1700 Ford Tractor	

MISC. EQUIPMENT

Danuser 3 pt. Wood Splitter	$780
Danuser 3 pt. Post Driver	$1,200
Shaver 3 pt. Hyd. Post Driver	$1,700
E.Z. Trail 8 Ton Running Gear	$1,150
Tye No Till Grain Drill	$7,500
New 14' Belt Elevator	$1,175
Holland Plastic Mulcher	$1,500
JD Hydro Push Spreader	$2,500

HAY EQUIPMENT

Vicon RP1510 Demo Model	$7,900
McKee Round Baler 4x5	$3,500
J Bar 3 pt. 4 Wheel Rake	$475
MF 228 Baler w/Thrower	$4,500
MF Forage Blower	$1,900
Gehl 1710 Round Balers	$5,500
Hesston 3700 Rake Tedder, 1 yr. old	$2,200
Vicon KM 281 Discbine	$5,500
NH 495 Haybine	$2,900
NH 495 Haybine	$1,900
Vicon CM 240 Disc Mower	$1,500
NH 489 Haybine	$3,500
NI Cutditioner	$1,200
NI Cutditioner w/Engine Mount Steel Wheels	$1,200

USED TRACTORS

MF 1085	$5,800
MF 1085	$4,900
MF 265	$4,700
MF 135 w/Loader	$3,800
MF 65 w/Loader	$3,500
Case 1690 4WD	$11,000
Case 1490 Power Shift	$12,500
IH 464 (New tires)	$4,900
IH 674	$3,500
IH 240 w/Loader	$2,800
Farmall 460 Tricycle, Belt Pulley	$2,500

Farmall 230 Tricycle, Cultivator	$1,200
Ford Jubilee	$2,750
Ford 8N	$2,900
Ford 901 Tricycle	$2,500
JD "L" Restored	$2,750
JD 1010 Dsl. Crawler Loader	$4,500
JD 2010 Gas	$3,500
JD "B" w/Cultivators & Sickle Mower	$1,000
Skid Steer #1644 Loader, Demo Model	$12,800

USED COMBINES

1984 MF 860 Hydro V8	$23,500
1981 MF 860 Hydro V8 Four Wheel Drive	$25,000
1977 MF 760 Hydro V8	$16,000

MF 9118 Flex Head	$6,000
MF 9118 Flex Head	$6,000
MF 550 Combine w/MF 1143 Corn Head	

MASSEY-FERGUSON

M.M. WEAVER & SONS, INC.

Leola, PA 17540 (717) 656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

Yes "13" JD 5830 & 5820 choppers, available from 393 hrs. Call Larry Stalter "The Chopper Man". 1-800-248-2151

JD 4640, 1979, 20x38 tires, and duals 98%, 7,400 hrs., 3 remotes, very good condition, one owner. Asking $25,000.

Massey 880
Pull Behind Plow, 8x16, $1,500.

Massey 880
On-Land Plow, 6x16, $1,500.

609/935-5204

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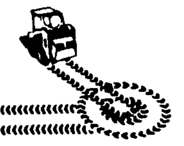
bobcat

- Sales
- Service
- Rentals

600 lb. to 3,000 lb. Capacity Loaders

Below Market Interest Rates

Preowned Equipment



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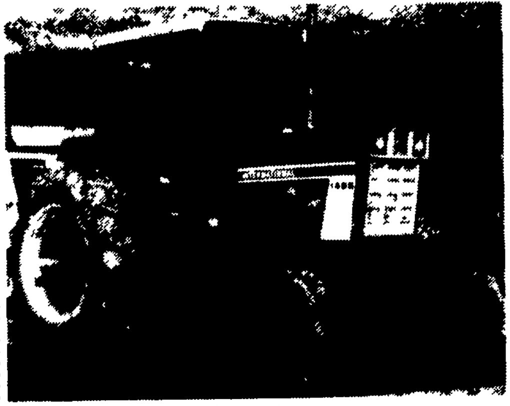
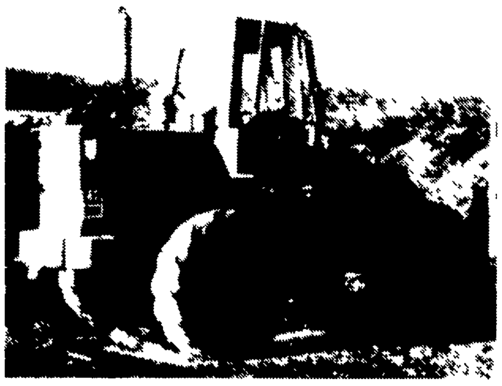
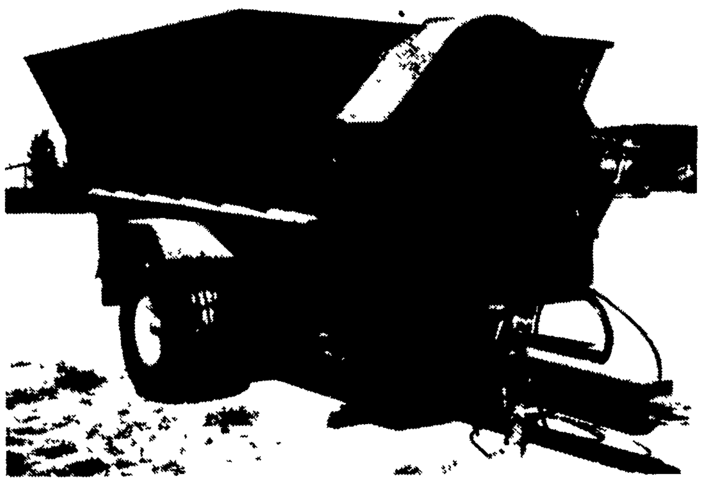


Tractor
Newly overhauled engine and PTO and newly painted
$12,750.00
717-438-3354



Used 930 Cat Loader
With Forks, 1979 Model, Looks and Runs Good
$24,500
717-438-3354

THE LUCKNOW MIXER WAGON



Simply the best value and the best in quality on the market today. Call your nearest dealer today.

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JONES DAIRY SERVICE
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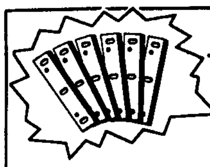
MARTINSBURG, PA
WINELAND EQUIPMENT, INC.
(814) 793-2109

DEALER INQUIRIES CALL:
U.S. SALES REP.
SCOTT DOUGLAS (518) 529-7326

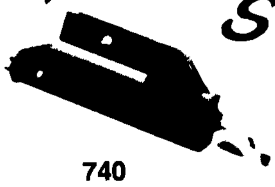


FORAGE HARVESTER KNIVES

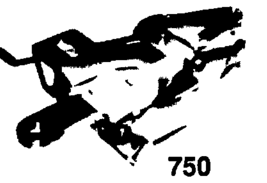
Tungsten Carbide Edge For Long Wear - Made In U.S.A. With Special Alloy Steels.
Special Farm Show Pricing - Free Delivery

Schuck CUSHION HITCH

- Finest cushioning available for all load ranges
- 40,000 lb. capacity
- Drastically reduces drive train wear



740
Cushion Hitch
Fits Standard
2" Receiver Tube

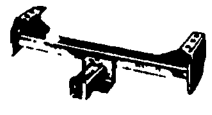


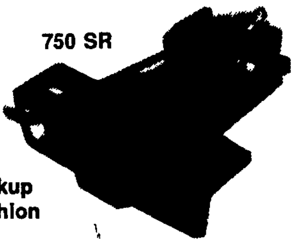
750
Cushion Hitch
Extends 7"
Swings 10"

Dealer Inquiries Invited

We ship Daily

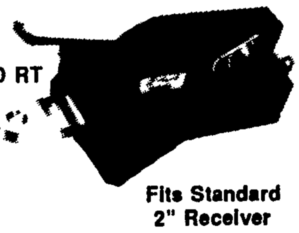
This bumper will accommodate any of these hitches





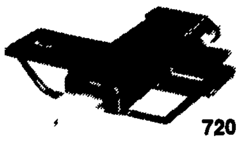
750 SR

E-Z hookup w/o cushion



750 RT

Fits Standard
2" Receiver



720

Over 10 Different Models

We Have A CUSHION HITCH For Every Application!

See Our Display At Booth 552
Register To Win A Model 750 Cushion Hitch Or $100 Off Other Products

Weaver Distributing

717-865-7240
RD 2 Box 470, Fredericksburg, PA 17026

FORKLIFTS

4,000 Lb. Clark Pneumatic, 3 Stage Mast, Diesel, 1982, very good condition	$4,800
5,000 Lb. A/C's Solid Tire, LPG, 3 All run good	$1,500 to $2,500 Ea.
5,000 Lb. Hyster 1984, Solid Tire, 3 Stage Mast, LPG, Very Good Cond.	$6,500
12,000 Lb. Hyster Dual Pneumatic, New Engine And Tires, 8' Forks, LPG, Very Nice	$11,000
8,000 Lb. Hyster, Dual Pneumatic, 1984, GMC Gas, S/S 2,700 Hrs., Like New	$13,500
6,000 Lb. Mastercraft (Tractor Type) Ford Diesel 22' Lift, Sideshift, Rubber & Cond. Very Good	$7,500
6,000 Lb. Baker Electric, 3 Stage, Sideshift, New Battery & Tires, Very Good Condition	$5,000
3,000 Lb. A.C. 1980 Solid Tire, LPG, 3 Stage Mast excellent condition	$3,000
Forks 25,000 Lb. Cap.	$750/Pair
4,000 Lb. Clark Electric Pallet, Jack w/charger, very good condition	$1,000
10,000 Lb. Cat pneumatic, 1980 Runs very good w/light noise in engine, low mast	$6,500
12,000 Lb. Yale solid tire, LPG, very good condition, low mast, good for rigging work	$7,500

HYMAN EQUIPMENT IN BALTIMORE, MD.

(301) 486-6691

Call Alan Hyman Anytime

Many Other Forklifts, Not Listed In Inventory

2449 SOUTH QUEEN ST (rear),
YORK, PA 17402
Interstate 83 • Exit 6E

Douglas EQUIPMENT & SUPPLY CO.

FAX 717/741-1518
717/741-2626
or 717/741-1797

(2) Clark 45C, 4-53 GM Diesel, full cab & heater, 17.5x25 tires, 2 yd., exc. cond. **$19,900**

Trojan 1900, GM Diesel, Full Cab & Heater, Exc. Rubber, Exc. Cond. **$12,500**

Case W-18, full cab & heater, very good cond. **$18,500**

Clark 45C, full cab & heater, GM diesel, exc. cond. **$19,900**

9 Ft. Bin Type Hyd. Spreaders **$1,250**
Also Tailgate Spreaders **$500**
9', 10', 11' Plows **$1,000** Complete

Ford 3600, Gas, Power Shuttle, w/Snow Plow **$3,250**

Case 580C, full cab & heater, extend-a-hoe, 4 in 1 bucket, new tires, very good cond. C&P **$13,500**

1987 Case 580E Extend-A-Hoe, Wobble Sticks, Very Good Cond. ~~$22,500~~ **$20,500**

FORKLIFTS

Lull 31 ft. Lift, New Tires, C&P	$6,500

RUBBER TIRE LOADERS

Ford 335, 3 pt., PTO, diesel, front loader, 1 owner	$10,500

TENNANT SWEEPERS

Model 92, 4 cyl. water cooled, hydrastatic, good cond	$6,500
240 w/front power broom, 2 cyl. Kohler	$2,500

ROLLERS

Gallon 10-14T tandem, 6 cyl. IH gas, hydrastatic	$5,850
Ferguson 9 wheel rubber tire roller Oliver gas	Call For Price
Mauldin 3-5 ton w/towing package, hydrostatic vibratory, ex. cond	$3,650
Raygo romper 2-36, vibratory, hydrastatic, Deutz diesel	$4,995
Western 2 ton vibratory roller, Wisconsin gas	$2,500
3-5 ton Littleford w/towing package, V4 Wisconsin	$1,500

DOZERS

Terex 82-40 GM diesel, P/S, canopy, ripper	$16,500
Cat D4D, tilt blade, 1,600 actual hrs.	$24,000/OBO

GRADERS

Huber F-1700 6V-53 Detroit, full cab & heater, power shift	$11,500/OBO
Huber M-52 Maintainer, 4 cyl. cont., sideshift center blade	$3,995

MISC.

Schramm Pneuma Tractor, 125 Comp. w/post driver	$4,500
1989 Used custom 10 ton, air brakes	$5,500
New Custom trailers in stock, 3 ton thru 20 ton	Call For Prices
(2) MF 40B tractors, 3 pt. PTO, diesel, sickle bar mower	$5,500/Each
Taroo leaf vac, V4 Wisc	$3,500
New & Used Buckets	

We
Ship
UPS
Daily

LEADERSHIP AT WORK

JOHN DEERE

Before You Buy, Give Our Salesmen A Call.

717-291-1046

Or In Pennsylvania, Call Toll-Free

1-800-524-3276

(1-800-LBI-FARM)

Mon. Thru Fri. 7 AM To 5 PM   Sat. 7 AM Till Noon

Brillion
TILLAGE
EQUIPMENT

Harley
LANDSCAPE
POWER RAKES

Excellent Inventory Of Used Equipment Shop Early For Best Selection

TRACTORS

0% Interest Til March 1, 1991

JD 4010 80-HP Dsl.	$ 6,900
JD 3020 70-HP Dsl.	$ 8,450
IHC 884 70-H.P. Dsl. Utility, T/A	$10,500
JD 4430 125-HP Dsl. w/8-Sp., Cab	$14,500
JD 8630 245-HP 4-Whl. Drive, w/Duals, 3-Pt., PTO	$29,500
JD 2755 75-HP Dsl., 16-Speed, MFWD, Cab	$31,900
Case IH 3394, 165-HP, MFWD, Power Shift	$35,500
JD 4850 220-HP, MFWD, Only 1000 Hrs., Dual Whls.	$65,000
JD 4955 220-HP, MFWD, Only 500 Hrs., Dual Whls.	$75,000

Rental Units- For Sale

JD 2555 65-HP, Cab, 2-Whl.
JD 2955 85-HP, Cab, MFWD

HAY EQUIP.

OMC 596 Round Baler	$ 6,250
JD 348 Baler w/JD 40 Ejector	$12,400
JD 337 Baler w/JD 30 Ejector	$ 7,950
JD 346 Baler w/JD 30 Ejector	$ 4,500
JD 1219 9-Ft. Mower-Conditioner	$ 6,350
NH 489 9-Ft. Haybine	$ 4,150
NH 479 9-Ft. Haybine	$ 2,150
Case IH 3205 Disk Mower	$ 3,150
Kuhn 9-Ft. Hay Rake/Tedder	$ 1,495

TILLAGE EQUIPMENT

JD F125 3B16 Plow	$ 495
JD 1450 5B16 Semi-Mtd. Plow	$ 1,250
JD Spring Harrow, 9-Ft.	$ 795
JD AW Disk Harrow, 12-Ft.	$ 950
Knowles Chisel Plow, 15-Ft.	$1,250
Taylorway Chisel Plow, w/Coulters, 10-Ft.	$2,650
JD 1600 3B18 Plow	$3,250
MF 233 Disk Harrow, 12-Ft.	$3,450
JD F950 Roller Harrow, 12-Ft.	$4,150

MISC. EQUIPMENT

MF 6-Ft. Rotary Cutter	$ 995
NI 323 1-Row Corn Picker	$ 2,850
NI 176, 41 Ft. Corn Elevator w/Drag	$ 1,950
JD 8300 21x7 Grain Drill	$ 4,5[illegible]0
JD FBB 15x7 Fert/Grain Drill	$ 1,950
Krause 5200 13-Ft. No-Til Drill 21 Openers	$10,500
Krause 5200 13-Ft. No-Till Drill, 21 Openers, Only 392 Acres	$13,500

MANURE SPREADERS

Balzer Tandem Spreader, Double Beater	$ 950
NH 679 Spreader w/Endgate	$ 1,650
NH 791 Spreader w/Endgate	$ 3,950

CORN PLANTERS

0% Interest Til April 1, 1991

JD 7000 4R30 w/Unit Coulters, Dry Fert., Insect., Monitor	$ 7,650
JD 7000 4R30 Conservation w/Unit Coulters, Dry Fert., Insect., Pop. Monitor	$ 8,500
JD 7200 4R30 w/Unit Coulters, Dry Fert., Insect. Monitor	$10,500
JD 7200 4R30 w/Frame Coulters, Dry Fert., Insect., Monitor	$10,900
JD 7000 6R30 w/Dry Fert., Insect., Markers	$ 4,650
JD 7000 6R30 Conservation w/Unit Coulters, Dry Fert., Insect., Pop. Monitor	$ 7,650
JD 7000 6R30 Conservation w/Unit Coulters, Dry Fert., Insect., Monitor	$ 9,500

COMBINES

0% Interest Til June 1, 1991

MF 750 w/Cab, Hydro, MF 44 Corn Head	$11,000
JD 4425 w/Cab, Posi-Torq., AHHC, Monitor	$41,900
IHC 1460 w/Cab, Hydro, 17-Ft. Rigid, 16-Ft. Flex, 6R 30	$53,500

HARVESTING EQUIPMENT

JD 3960 Harvester w/3R30, 7-Ft.	$15,500
JD 3960 Harvester w/3R30, 7-Ft.	$12,200
JD 3940 Harvester w/2R30, 5½ -Ft.	$11,500
JD 16A Flail Chopper	$ 1,750
JD 216 Forage Wagon	$ 2,150

LANDIS BROS.,INC.

Landis Bros., Inc.

1305 Manheim Pike, Lancaster, PA 17601
(Located S. Of Rts. 30 And 283 On PA 72)

JOHN DEERE

1986 JD 750 4WD, ldr., PS, 330 hours, mint. $7,500

1986 Kubota 4150 Loader Backhoe 4WD, shuttle, 50 HP, 270 hrs., mint, $20,000

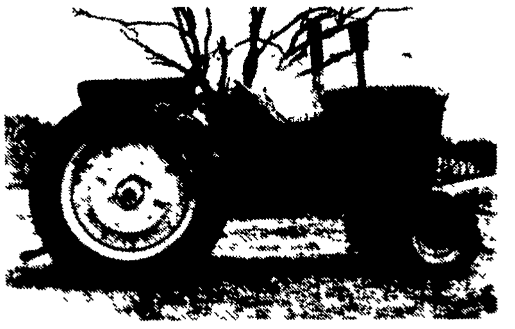
203/393-2497

4230 JD Tractor, Quad Range Trans., 3 pt. Hitch, Cab, AC, New Paint, New Tires

2440 JD Utility Tractor, 3 Pt. Hitch, Dual Remote Outlets, Indep. PTO. New Paint

Both Tractors Have Been Completely Checked Out By JD Dealer

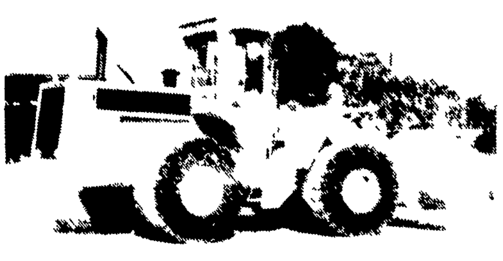
(215) 488-1567



JD 2510

PS, Diesel, Rebuilt Engine

301-833-9091



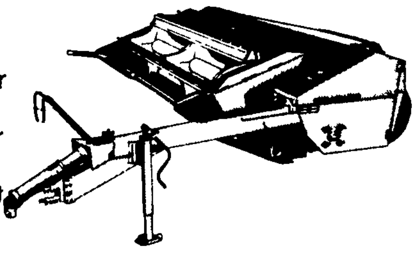
980C

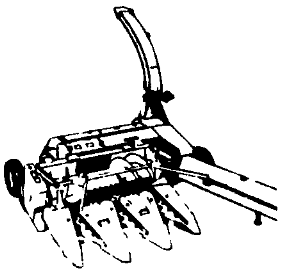
5¼ Yd With General Purpose Bucket With Teeth, Nice Machine

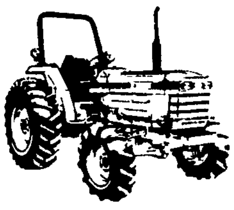
$82,500.00

717-438-3354

USED EQUIPMENT







HAY & FORAGE

NH Super 68 Baler w/Thrower
NH 275 Baler w/Thrower
NH 276 Baler w/Bale Thrower
NH 310 Baler w/Thrower
NH 326 Baler w/¼ Turn Chut
NH 411 Discbine
NH 489 Haybine
NH 890 Forage Harvester
NH 770 Forage Harvester
JD 1219 Haybine

FORAGE HEADS

NH 770W Hay Pickup Head
NH 770 R-2 2 Row Corn Head (Wide)
NH 880W Hay Pickup Head
NH 880 N-2 2 Row Corn Head (Narrow)
NH 880 R-2 2 Row Corn Head (Wide)
NI 762 Uni 2 Row Corn Head (Wide)

FORAGE BLOWERS

NH 27 Forage Blower
NH 28 Forage Blower

MANURE SPREADERS

NH 519 w/Hydraulic End Gate
NI 218 w/Hydraulic End Gate

GRINDER MIXERS

NH 357 Grinder Mixer

TRACTORS & BACKHOES

Ford 555 TLB Backhoe (No Cab)

SHARTLESVILLE FARM SERVICE

R.D. 1, Box 1392
Hamburg, PA 19526
Phone: (215) 488-1025

USED TRACTORS

WFE 60 356 hrs., mint cond.
WFE 80 4WD, 252 hrs.
JD 4455 4WD w/duals, mirSOLD 96 hrs.
OlivSOLDnice
JD 2510G, rebuilt engine
Oliver 18SOLD
WFE 2-105

HARVESTING EQUIPMENT

JD 343 Corn Head
New Hay Tedders
New Bale Wagons
Used NH 890 Harvester w/5 Ft. Hay P/U & 2R Corn Head
JD 343 Corn Head

A Rich Heritage
A SOLID FUTURE
WHITE

NEW TRACTORS

80 2WD, CSOLD
80 2WD, Fender
125 2WD

TILLAGE

New WFE 508 4x18 semi-mount plow
New Kewanee 12' 775 disc
New WFE 6342 3 btm. roll-over plow
New White 378 4RW Cultivator
New Kawanee 1175 disc, 18'
Used Oliver 3x16 Trailer plow
Used IH 710 7x16" plow w/on land hitch
Oliver 575 4x16 semi-mount plow
Oliver 6342 3-bottom roll over plow, nice
(2) Used Oliver 252 disc
Used Oliver 344 plow, 3x16, 3 pt.

MISCELLANEOUS

1 Used Grimm haySOLD
Set 18.4x34 duals
Complete JDM for parts
(1) Complete Rebuilt JD 4219 Dsl. Eng.
Set 18.4x38 Duals, 9 Bolt Hubs
New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
1 Set of Pallet Forks

PLANTERS JUST RECEIVED

4 NEW WFE 6100 6R Corn Planters
3 NEW WFE 6100 4R corn planters
1 - Used JD 7000 conservation 4R corn planter
1 - Used WFE 5100 6R corn planter
1 - Used IH 56 4R corn planter

G & D REPAIR

Lancaster County's Only Factory Authorized White Farm Equipment Dealer!

Quality Is Our Game - Service Is Our Aim

Factory Trained Mechanics!

All Trucks Equipped w/Two Way Radios

RD 5 Penryn Rd., Manheim, PA
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We Take Pride In Our Work!

We Ship Parts Daily By U.P.S.

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case IH

NEW TRACTORS & EQUIPMENT

Case-IH 245 AWD
Case-IH 485, 42 HP
Case-IH 695 MFD
Case-IH 4500, VS Field Cult.
Case-IH 5710 Trail Chisel Plow
Case-IH 8420 Round Baler
Case-IH 8530 Sq. Baler w/Thro.
Case-IH 720, 4F, 18", Auto. Plow
Case-IH 475 12' Disk Har
Case-IH 5100 20x6 Drill
Case-IH 5300 16x7 Drill
Case-IH 5300 20x6 drill
Case-IH 5300 24x6 drill
Case-IH 900 6R Air Planter
Case-IH 2255 Loader
Case-IH 560 Spreader
Case-IH 2250 Loader
Case-IH 86 Hay Rake, Hyd.
Case-IH 3309 Disc Mower/Cond.
Case-IH 1300 Sickle Mower
Case-IH 860 Hay Rake, Gr. Dr.

USED TRACTORS & EQUIPMENT

Case 1190 (1983, 645 Hrs)	$ 9,500	IH 510 5F 18" Plow	$ 1,150
IH 574 D Tractor.	$ 6,150	IH 411 4F 16" 2PT Plow	$ 500
IH F-C w/Cult Tractor	$ 850	Ford 4F 14" 3PT Plow	$ 350
IH F-BN Tractor	$ 1,150	IH 1300, 3PT 5' Mower	$ 950
NI 270, 7' cut/cond	$ 1,250	IH 1190 Mower/Cond (Nice)	$ 5,350
NH 55 hay rake	$ 850	IH 203 SP Combine	$ 1,500
NH 479 Haybine	$ 1,350	Ont 13x7 SD Drill	$ 650
IH 430 Baler w/Thrower	$ 1,850	Gehl Forage Box w/Gear	$ 1,850
IH 550 Harvester w/Heads	$ 1,200	Gehl FB99 Blower	$ 1,250
IH 560 Spreader w/Hyd Endgate	$ 1,650	Gehl 2R Wide-Narr Snapper Head (600-700-800 Harv)	$ 1,500
IH 700 5F 16" Auto Plow	$ 1,950		
IH 710 5F 16" Plow w/Cvl	$ 1,350		

MIFFLINBURG FARM SUPPLY, INC.

Route 45 East, Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

case IH

NEW & OLD TRENDS & FRIENDS

John Deere Day 1991

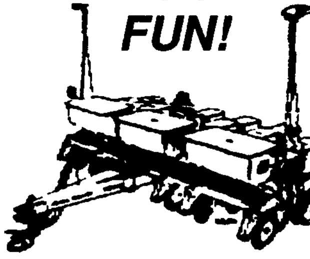
JOHN DEERE

Date **Monday, January 14th**
Time **10:00 a.m. to 8:00 p.m.** **Lunch will be served**

Drive on in to town to see what's new and spend some time with your neighbors. It's our way of saying "thanks for your business". See you there.

10% Cash Discount on Parts Sales January 14th thru January 19th

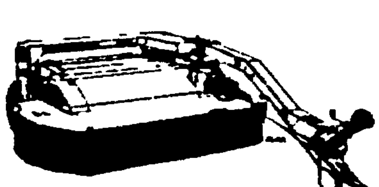
FRIENDS! FILMS! FOOD! FUN!



Coming Service Events

Corn Planter Clinic
Tuesday, January 15
7:00 p.m. to 9:00 p.m.
Refreshments

Forage Clinic
Thursday, January 24
7:00 p.m. to 9:00 p.m.
Refreshments



1350 Mower Conditioner

SMITH'S IMPLEMENTS, INC.

12258 Buchanan Trail West, Mercersburg, PA
Phone 717-328-2244 or 2226

STITZEL FARM EQUIPMENT, INC.

East Windsor St. & Krick Lane
Hamburg, PA 19526

Phone Bus. 215-562-8377   Home 215-562-5740

Farmshow Visitors Stop
And See Our Equipment
Lot At Hamburg Off
Rt. 78 And 61

COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines.

JD 8820 4WD, Full Equip. w/220 Flex.

JD 7720 4WD, w/216 Flex & 643 Corn Head, Nice.

1985 JD 6620, Side Hill, Titan II, Full Equip., Real Nice, w/215 Flex.

1981 JD 6620 Side Hill Combine.

JD 6620 4WD w/215 Flex And 643 Corn Head.

JD '81 Model, 6620 LL, w/215 flex, real nice.

JD '81 Model 6620 LL w/216 Flex, very nice.

JD 6620 LL, 1 Owner, Full Equipment, $25,000.

JD (80) 4420, C.A. w/Dial-A-Matic, Full Equipment, Real Nice.

JD (77) 6600 Side Hill, Good Cond.

(75) 6600 D. Rotary Screen good.

JD 6600 Gas w/443 Cornhead, As Is.

JD (77) 4400 D., C.A.

JD 4400 Gas, 13' grain.

IH (78) 1460, C.A., Hydro., Real Nice w/820-17½' Flex.

MF (78) 760 C A., V-8, Hydro., 4 WD, w/2 Heads.

(77) MF 750, C.A., Turbo Hydro, Very Good

MF (76) 750 Cab, Air, Hydro

MF 750, C.A. Hydro.

Gleaner F2 D, C.A. w/13' Grain & 438 Corn, Nice.

Gleaner F2 D C.A. w/13' Grain.

(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.

IH D 915 C A. Hydro w/863 & 810 Grain.

IH (77) 715 D. C A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.

IH 615 Combine, Gas w/810 10' Grain And 833 Corn Head, Good Cond.

IH 715 Gas w/Cab & 810 grain for $4,850; N.H. TR70 C.A. Hydro.

N I. 702 & 705 Uni-Systems w/Full Eq.; NI 702 D. w/727 bed & 3R C.H.; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.

CORNHEADS: JD 644, 643 LP, 643, 444 LP, 443 LP, 444, 443, 344, 343, 244, 243, 205 (40) 234, 435; JD 454 Row Crop Head.

I.H. 983; 963; 863; 844; 833; 744; 743; 327; 3R; 227.

A C. GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C.H., F335.

M F. 1163, 1144, 1143, 63, 44, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 6RN Corn Head.

NH 974 W4; NH 962 N3 & 962 W4; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.

820 16½' Flex.

I.H 810-13' Thru 17.5' w/ Reg. or Floating.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10'.

N.I. 713 Flex Or Rigid; NI 715 S Flex.

NH 960, 13' and 16'; E 10' Grain Head.

TRACTORS:

JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A.P.S., MFWD, Full Equip., Real Nice; JD 4850 C.A.P.S., MFWD, And Duals; JD 4650 C.A.P.S., MFWD, Like New; JD 4650 C.A.P.S., Real Nice; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450 C.A.P.S., MFWD, w/New Radial Tires; JD 4450, C.A.P.S., MFWD, Duals; JD 4450, C.A.P.S., MFWD; JD 4250 C.A.P.S., MFWD, Real Nice; (85) JD 4250 C.A.Q.R.; 4050 C.A.P.S., MFWD, Real Nice; JD 4050, C.A.Q.R., 1900 Hrs., Excellent Cond.; JD 2950 CA, MFWD; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR; JD 4050, ROPS, Power Shift; JD 2950 C.A., MFWD; JD 2950 CA, 16 9x38 Tires; JD 2950 MFWD w/ Rollguard; New JD 2355; JD 2550 w/175 Loader, Like New; JD 1250 w/ Power Steering; JD 8640 C.A., 4WD, 20.8x38 Duals, Full Equip.; JD 4840 C A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., Q.R., Duals; 4640 C.A.P.S.; JD 4440 C.A.Q.R.; JD 4440 C A.Q.R.; (82) JD 4240 C.A.Q.R.; (81) JD 4240 C.A.Q.R.; JD 4240 ROPS, QR; JD 4240, ROPS, QR; JD 2940 MFWD; JD 2940, Full Equipment; JD 2840 w/ ROPS; JD 2840; JD 2240 w/146 Loader; JD 2040; 4630 SR w/Cab & Air; (77) 4630 C.A.Q.R., FWD, w/ Duals; JD 4630 Fender, Syncro Range; 4430 C.A.P.S.; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430 C.A., 8-Spd., One Owner; JD 4230 C.A.Q.R., Nice; JD 4430, C.A.Q.R.; JD 4230 C.A.Q.R., Nice Cond.; JD 4230 CA, Syncra Range, Nice; JD 4430, QR, cab front wheel assist; 4430 ROPS, Syncro Range; JD 4230 C.A.Q.R.; JD 4030 Quad Range w/Cab; JD 4030 w/Cab, Q.R; JD 2630 Utility Dsl.; JD 7520 C.A., 4WD, Needs Motor Work; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320 18.4x38 Duals, Real Nice; JD 4320, Real Nice; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; JD 4020 Dsl., WF, 2 Hyd., Nice; 4020 WF, Powershift, Orig. Paint, New 18.4x34's; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/Cab, Real Good; JD 4000 D WFE; JD (72) 3020 Tricycle Dsl.; JD 3020 SC, w/ ROPS, Power Shift; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF, Dif. Lock, Dual Hyd., ROPS, Good Condition; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; 2520 Dsl.; JD 3020 G.; JD 2020 Gas, ROPS, w/Hi-Lo And Side Mounted Mower; JD 2020 Gas, Real Nice; JD 2020 Dsl.; JD 4010 WFE, Nice; JD 4010 Diesel, As Is; JD 4010 Tricycle, Gas, w/ Cab, Nice; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 3010 Gas; JD 3010 Gas w/Loader; JD 2510 Tricycle, Gas; JD 2010, Util. Gas; JD 630, WFE, 3 Pt., Original; JD 620 Gas, w/PS; JD 620 Tricycle w/3 Pt.; 1932 JD D, Original; 1950 JD D.

IH 5488, C.A., MFWD, 20.8x38 Duals; IH 5488 C.A., MFWD; IH 5488 ROPS, MFWD; IH 5488 w/Duals; IH 5288 CA w/20 8-38 Duals; IH 5088 C.A.; IH 3588 2+2, One Owner, 1400 Hrs.; IH 1586 C.A. Real Nice; IH 1586, CA, Duals; IH 1586 C.A. (Needs Trans. Work); 1586 w/R.G.; IH 1486 CA; IH 1486 CA; IH 986 C.A.; IH 986 ROPS; IH 186 Hydro, ROPS; 886 w/R.G.; F686 Original; IH 4166 4WD, w/3 Pt. And PTO; IH 1466, C.A., 18.4x38 Duals; 1066 w/Yr. Round Cab; F 1066 Fender, Original; IH 1066 (Needs TA); IH 1066 Fender; 1566 w/Cab; 1466 w/ Cab; 1466 Fender; IH 966 w/2350; F766 w/Factory Cab; 766 Fender Dif-Lock, New Tires; IH 784 MFWD; IH 684 Row Crop Utility; 574 D. w/Loader; Farmall 544 Gas, WF, 3 pt.; IH 544 Utility Gas; IH 464, Gas w/ROPS, Real Nice; IH 444 U. Gas w/IH 1501 Loader; IH 504 Utility Dsl. w/IH 1501 Loader; IH 504 Gas, WFE; Farmall 856 Dsl, Nice; 756 Dsl., WF; F756; 656 Diesel; 656 Dsl. WFE; IH 656 Row Crop; IH 1206; F806 Dsl. w/2000 Loader; 806 D, WF; IH 706, 4 WD w/Cab And 310 Motor w/ Turbo; IH 706 Dsl. w/2000 Ldr.; F560 Gas, WF, Nice; IH 560 Standard Dsl.; Farmall 450 Dsl.; Farmall 560 Dsl.; Farmall 460, Tricycle Gas w/Fast Hitch; IH 350 w/Ldr.; Farmall 350 Tricycle w/PS, FH And Loader; Farmall 200; Farmall 100, Hi-Clearance w/ Cultivators; Farmall C; Farmall SOLD r AV w/ Cultivators.

AC 8070 C.A.P.S. w/Duals; AC 8050 C.A.P.S., MFWD; AC 8070, C.A.P.S., MFWD; AC 8010 C.A. 20 SP MFWD w/Westendorf 64 Ldr.; AC 7020 CA, 20 Spd.; AC 7010 C.A.P.S., w/AC 470 Loader; AC 7010 CA; AC 200 D original; AC 180 Tricycle Dsl., Nice; AC 17 SOLD ab; AC D17 Series IV D. 3 Pt., WFE; AC D21 Series 2; AC D17 Dsl. WF; AC B w/ Cultivator.

(86) Deutz Fahr DX 8.30A, 190 HP, C.A.P.S., MFWD, Nice; Deutz 5506 w/Dunham Lehr Loader, Nice; Deutz Fahr DX 830 C.A.P.S., MFWD; Deutz DX160, CA, MFWD.

CASE IH 685 C.A. MFWD, w/110 Hours; CASE IH 3294 CA MFWD, Radials, Real Nice; Case 2294, C.A.P.S., Like New; Case 2094 C.A.P.S., MFWD; Case 2390 CAPS, Duals; CASE 2390 C.A.P.S., Duals; Case 2090 C.A.P.S.; Case 2290, C.A.P.S., 20.8x38 Radials; Case 2290, C.A.P.S.; Case 1690 C.A., MFWD; Case 1390; Case 1370 C.A.P.S.; Case 970 ROPS; Case 970; Case 930 (Needs Motor Work); Case 730 Gas w/3 Pt., WF; Case 1210 (Needs Clutch).

MF 2805 C.A., 24 Speed, w/ Duals; MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 2705, C.A.P.S.; MF 2675 C.A. 24-Speed; MF 1150 w/Cab; MF 1150 Fender w/Duals; MF 1135 C A., MP, Nice; MF 1135 w/Cab, 8 Spd; MF 1100; MF 1100 Dsl., WF, As Is; MF 1085; MF 245 Dsl. w/PS, MF 175 Dsl., As Is; MF 165 U. Gas; MF 135 Gas; MF 85 Dsl., Original; MF 65 Utility Gas w/Ldr.; MF 35 Dsl.; MF 35; Ferguson 20 w/Ldr.

Ford TW30 C.A., Duals; Ford TW10, ROPS, Dual Power; Ford 7710 C.A., Nice; Ford 7770 CA, DP; Ford 7700 ROPS, New 18.4x34 Tires; Ford 8000; Ford 8000 (Needs Reverse); Ford 4000 Dsl., original paint; Ford 4000 Gas; Ford 3000 w/PS w/ Ford 772 Ldr.; Ford 3000 Gas w/PS, Good Cond.; Ford 3000, As Is; Ford 2000 Gas w/PS And Loader; Ford 871 w/ Power Steering And Front Blade; Ford 9N w/Ldr.

WHITE 2-135, C.A.; White 2-155, C.A.; White 2-85 w/Cab.

OLIVER 1955 Original; Oliver 1855 MFWD; Oliver 1755, As Is; Oliver 1655 D, WFE; Oliver 2050; Oliver 1800 Gas; Oliver 1650 Tricycle, Dsl.; Oliver 1755; Oliver 1855, As Is; Oliver 77 Gas, WF; Oliver Super 88; MM G1000 Nice.

Steiger Bearcat 2 w/Duals & 3 Pt.

Tractors & Equip. Just Traded.

'86 Model 4450, C A P S, MFWD, MF 85 Combine, JD 280 Loader, Gehl 1460 Round Baler; AC 5050, NI 456 Round Baler, MF 165 Dsl; JD D, JD 4440, C A P S, Case 2294, C A P S, Like New, MM Super 670 Dsl, JD 215 Disc, MF 205 Dsl w/Mower

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New N I 329 Super Sheller List $6700 00, Special $3,550, N I 330 - 3 RN w/Supershellers, 325 2RN w/Grinder

PICKER NI 319 Mtd, NI 319 2 Row Mounted Picker w/12 Roll Bed

FORAGE EQUIP: Forage Harvesters w/Choice of Heads.

JD 3960 w/2 Heads, Full Equip, JD 3800 Chopper, Hay Pick-Up, JD 3800 Harvester, w/2R Corn Head, JD 3960 w/3R Cornhead, JD 3960, JD 35 Chopper

NH 900 Chopper, Like New, NH 900 Chopper; NH 890 w/Electric Controls, 2R Corn & Hay Pickup, NH 770 w/heads, NH 770 w/822 Cornhead, NH 718 w/1 Row Cornhead, NH open end hay pickup heads, 6', IH 830 Chopper w/2 Row Corn, IH 720 w/2R And Pickup, Good Cond, IH 781 Harvester w/2R Corn Head, Hay P U, And 2 Row Snapper

Hesston Field Queen 7600, Self-Propelled Chopper w/3 Row And Pickup

NI 709 Uni, 4WD, w/767 Chopper and 4 Row Cornhead

MF 200 Chopper w/2R Cornhead Hesston 7020 w/Hay Pick-Up

Fox Super D w/Cab 3R C H & PU

Gehl 1200 Chopper Elect Controls w/3R Corn Head And Pick-Up

Gehl CB 1200 Chopper

Balzer 1014 Hydraulic Dump Station

FORAGE HEADS. NH 717-S Direct-Cut for 770 & S717, 890 EN-2RN Snapper, 770-1R Snapper, (3) NH 822 Silage, NH 890 w/2 or 3R C H, NH 890 2R Snapper Head, NH 890 Direct Cut Head, 1, 2, & 3R Silage, NH 880W PU, NH 880 S Direct Cut, NH 890 N3 3R Corn, Incomplete

JD 3R 36" Silage Head, J D 2 & 3R Snapper, 2 & 3 R Silage, Used 5½' and 7' Hay Pickups, JD 343 Cornhead w/Adapter Plate, JD 243 C H w/adapter plate, JD 244 Cornhead w/Chopper Plate, Like New, 3 JD C H harvester adapter plates, JD 4RW Stalker Head

IH 830 3 Row 30" Cornhead, IH Direct Cut Head w/2RN & Hay PU for 650, NI 766 Hay PU, Gehl 1000 Hay Pickup, Gehl 2RN Corn Head

2 CSB 2RW - Snapper, 263-2 RW, 109 Hay Pickup

BLOWERS Gehl 99 Blower, NH 30, Farmhand Burr Mill Blower, Witmore Grinder Blower

FLAIL CHOPPERS: Used NH 38, JD 27 Stalk Shredder, NH 38 Flail, Good Condition, Bearcat 72A Flail Chopper, IH #50 12' Stalk Shredder

SILAGE WAGONS Fox 1016 Dump Station, Richardton 1200 Side Dump Wagon, JD 716 Tandem Axle w/Roof, Hesston #10 Stack Wagon

HAY EQ., BALERS Deutz Allis HD 490 Baler w/Thrower, Like New, JD 466, JD 347 Baler w/Thrower, JD 347 w/Thrower, JD 327 Baler w/Thrower, JD 327 Baler w/ Chute, JD 336T w/Thrower, JD 336 Wire w/Thrower, JD 24T w/#30 Thrower, JD 24T w/#30 Thrower

NH 326 Baler, NH 326 w/70 Thrower, Used 3 Seasons, NH 425 Wire Tie Baler, NH 320 Baler, NH 320 Baler w/70 Thrower, NH 315 w/70 Thrower; NH 315 w/Thrower, NH 315 w/70 Thrower, NH 276 Wire Baler, NH 276 Baler, NH #75 Ejector, IH 445 Baler w/#15 Thrower; NH 848 Round Baler w/ Memory Wrap, NH 851 Rd, NH 847 w/Auto Wrap, Like New, NH 847 Auto-Wrap, NH 846 Hydr Wrap, NH 846 Hyd Wrap, Hesston 5600 Round Baler, Real Nice

RAKES. Vermeer R-21A Twin Rake, MF 585 w/Dolly Wheel

NH 258 Rake, NH 259 Rake, NH 56 Rake, JD 660 Rake w/Dolly Wheel, New NI 406 Rake, Hyd Drive w/Dolly Wheel, Fahr 4 Star Tedder, Fahr 4 Star Tedder w/Big Tires.

HAYBINES (1982) NH 1495 D C A. Hydro, 800 Hrs, NH 1495 Dsl, C A., Hydro, NH 1495 D Hydro w/Half Cab, NH 1495 Gas Haybine, NH 499 Hydro Swing Haybine, Very Nice, 495, NH 489 Haybine, Real Nice, (3) 489, NH 488, NH 479, 478, 477, (4) NH 467 Haybines, New JD 1600 Hydroswing Haybine, (Damaged), JD 1219, JD 1209 Haybine, JD 1209, IH 990 9', IH 990 7' Haybine, JD 1327 Diskbine, Like New, Hesston PT7

New MC 7E, MC9E Rotary Scythe NI 272 Cutditioners, NH 1010 Bale Wagon, Good Cond, NH 1005 Bale Wagon, NH 1002 Bale Wagon

PLANTERS AC 333 6R No-Til Planter, JD 7000 6R Cons, Dry Fert, JD 7000 6R Cons Liq, JD 7000 4R Liq, (Used) 7000-6R Cons Liquid w/No Till, JD 7000 6R Conservation, Dry Fert, JD 7000 6R Corn Planter, Dry Fert, JD 7100 6R Planter, 3 Pt, JD 5R Splitter w/No-Til, JD 7000, 6RW Plate Planter, 7000-4R Dry & Liquid, (2) JD 7000, 4R Dry Fert, Full Equipment, JD 7000 4RN Liq, JD 7000 4R Planter, Dry Fert, Real Good, IH 800 4RN Liq Plate Planter, IH 800 4R Liq Air Planter, Hiniker 4R Econotill, No-Till, w/Kinze Units, IH SOLD ter, White 5400 6R Corn Planter, Dry Fert, AC 600 4R No-Til Planter

DRILLS JD 8300 21x7 DD, JD 8300 21x7 Single Disc Drill, JD 8250 18x7 DD w/Fert. & Grass Seed, JD 9300 Tandem Drills, Moore 18x6 No-Til Drill, Tye 24x6 Drill, IH 5100 24x6 Single Disc w/ Grass Seed, Like New, IH 5100 Drill, 21x7 w/Press Wheel And Seed, 510 24x6 Double Disc, Brillion SS-1201 10' Seeder w/ Transport, Brillion 10' Seeder, Brillion 8' Seeder

GRINDERS/MIXERS. Owatonna 450 w/Scales, Bearcat 1250, JD 750 Grinder/Mixer, NH 352, NH 359, Gehl 65, Roto Grind Tub Grinder

TILLAGE EQ PLOWS IH 440 3X Plow, Ford 3X Plow, IH #60 3X Trailer Plow, White 3X Spring Reset, Oliver 3X Roll-Over Plow, JD F325 4X, 3 Pt, Hydr Reset Plow, JD 3X Rollover Plow, JD 1250 4X Semi Plow, IH 540 4X Semi Plow, JD 1450 5x18 Plow, JD 1450 6X, JD 145 5x16 Semi Trip Plow, JD 2600 4X Trip Plow, JD 5X 16" Semi Mount Plow, JD 2500 5X Spring Reset, JD 2500 5x18" Spring Reset Plow, New Taylorway Pittsburgh 5X 18" Spring Reset, IH 710 5x18" On-Land Hitch Plow, IH 700 4 and 5X Spring Reset Plow, Oliver 546 5X Trip Plow, IH 720 6x18 Plow, IH 720 6x16 Spring Reset On-Land, Ford 6X Spring Reset On-Land Hitch, White 508, 6X Reset, 6B Semi, IH 700- 6x16 Spring Reset White 549 5-6x18 Spring Reset JD 2700 6X Plow, Case 400, 6x18 Spring Reset On Land, (2) JD 945, 5X Semi Rollover, JD 2800 6X On Land, (2) JD 2800S 7X, JD 2800, 7X Onland, IH 710, 7X Onland, JD 2800 7X On Land, JD 3600 8X Spring Reset, On Land JD 2800 8X Plow, IH 800 10X Plow

CHISEL PLOWS Athens 6 Chisel Plow, Bush Hog 8' JD 1600 10' Pull Type Chisel, JD 1600, 12' Chisel, Bush Hog 10' w/Buster Bar, IH 55 13 Tooth Chisel

DISCS. JD 9' Offset Orchard Disc, Bush Hog 245 14' Offset Disc, Miller 10' Offset Disc, White 281 12' Offset Disc, IH 770 10' Offset Disk, Like New, IH 770, 12' Offset Disc, IH 770 20' Hyd Fold Offset Disc, JD 110 12' Rock Flex, White 252 12', JD 210 13' Disc, JD 210 14' Disc, Real Nice, Krause 10' Disc, Miller 12' Offset Disc, White 15' Offset Disk, AC 2300 20' Hyd Fold Disc, Case F21 21' Hyd Fold Disc, Dunham Lehr 34-20' Rock Flex Disc, Rhino F90B 22' Hy Fold, Rock Flex, JD 230 24' Hyd Fold Disc, JD 330 25' Hyd Fold Disc

MULCH TILLERS JD 1710 7 Tooth Mulch Tiller, Wilbeck 13', Glenco 7 Tooth Soilsaver w/New Blades, Glenco SS18 Fold Soil Saver, Glencoe 13 Shank Soil Saver Rhino 890 5 Tooth 7' Soil Saver Like New

CULTIMULCHERS. Dunham Lehr 10' w/Inside Whls, JD F950 12', JD & Brillion 10', 12', 13' & 15', Brillion WM 360 30' Flat Fold Cultimulcher, Like New

CULTIVATORS JD 4R Front Mount Cultivator, JD AT 40 4R Front Mount Cultivator; IH 68 4R Front Mount Cultivator, McKee 4R S Tine, McKee 4 Row S-Tine Cultivator, (2) JD RG 4, JD & IH 6R 3 pt., Glenco 6R S-Tine Cultivator, Noble 6R S Tine Cultivator, IH 65 6 & 8R Front Mounted Cultivator, JD 8R Cultivator, 8R S Tine Cultivator, 8R Fold S-Tine Cultivator, New Ford 208 14' Field Cultivator, JD 1010 28' Hydraulic Fold Field Cultivator, JD 20' 3 Pt Field Cultivator, White 283 20' Hyd Fold Harrow, Brillion 18' Wing Harrow, JD 16' Transport Harrow, Brillion 23' Hyd Fold Field Cultivator

MISC. Brillion 24' Hyd Fold Packer, Brillion 25' X-Fold Packer, Brillion 12' Packer; Glencoe 12' Soil Finisher, JD 5 Shank V Ripper, 5 Shank V Ripper; Brillion 7 Shank V-Ripper, IH #14, 6 Shank, Spring Reset, V Ripper; IH 14 9 Shank Spring Reset V Ripper

INDUSTRIAL. New Arps 740 3 Pt. Backhoe, Long 1200 3 Pt Backhoe, MF 2200 Dsl. Forklift, As Is, Cat 955 Ldr, As Is, IH 250A Dsl Industrial Loader, JD 401B Dsl Ind

1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, Case 580B LB w/ ROPS, AC 715B L & B, JD 300 Gas Loader Backhoe, IH TD14, Angle Blade, $2,995, JD 350B Crawler Loader w/Winch (As Is), JD 450C Crawler Loader, JD 555 Crawler Loader, JD Winch And 4 In 1 Bucket For JD 450

SKID LOADERS Bobcat 444, Bobcat 533 D Skid, Case 1740 Dsl Skid Loader, Case 1845 Gas Skid Loader, Case 1845 D Skid, (85) Case 1845 B Dsl, Ford CL 40 Skid Loader, Ford CL40 Skid Loader

LOADERS & BLADES JD 46A, 48, 58, 145, 146 w/Grapple, 148, 260, IH 2455 Loader, IH 2355, Like New, IH 2350, 2250, 2000, Case IH #90 Ldr, Like New, Case 66 Loader, Ford 727 Loader, Ford 720 Loader, Artsway HD loader for 4WD, AC 500 Loader for 185, etc, AC Loader For D17, Ford Ldr For 8000 Etc, JD Fork Attachment, JD 8' Dozer Blade For 4430, Etc, Leon 12' Heavy Duty Front Blade, Amco 905 Heavy Front Blade, York 8' 3 Pt. Stone Rake, JD 155 9'

LAWN & GARDEN JD 650, MFWD, w/Mower, Ford 1500 MFWD, Ford 1710 w SOLD Loader, AC 5030 w/Mower & Blade Bolens G154 Dsl 4WD, w/3 Pt. Mower And Front Blade, Bolens 174 4WD w/Mower, Cub Cadet 582 w/Ldr And Mower, Farmall Cub w/Mower, Cub 184 w/Mower & Creeper Trans, Cub 185 Lo-Boy, Cub 154 Lo-Boy, With Creeper Trans, 154 Lo-Boy w/3 Pt, Cub 154 w/Ldr, Cub 154 w/ Blade, Yanmar 14 HP Dsl, (3) Farmall Cubs w/Mower Cadet 782, 1100, JD 400 w/Ldr And 3 Pt Woods Mower, JD 400 w/ Mower, JD 318 317, 316 300, 216, 214, 212, 210, 160, JD 318 Blade & Snow Blower (New) Johnson Loader For Cub Loboy, Snowblower For JD 300 Series, Woods 306 Belly Mower Like New Woods 6 Belly Mower

New Yanmar YFL 1000 Ldr, Schutt 3PT Tree Digger

ROTARY CUTTERS JD 1508 Wing Cutter Woods 120 10 Offset Cutter, Woods Cadet 72 6 Pull Type Cutter, King Cutter 4 Pull Type

MC 7' Heavy Duty Mott Mower, Hardy H360C0 Ditch Bank Cutter

SICKLE MOWERS JD 350, 7 & 9 Ft, NH 450 3 Pt., NH 451, NH 455 Pull Type Sickle

MANURE SPREADERS NI 354 Tandem Spreader, NI 354 Tandem Spreader, NI 353 Tandem Spreader, Martin V3300 Tandem Tank, NI 212 Spreader, Martin Manure Auger, 4 Shank Manure Injector

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New Killbros Bins & Running Gears

MISC Powell 3R Transplanter, John Blue 1,00 SOLD andem Axle Sprayer, Edwards Hydro-Swing, Tree Booms, w/Foot Controls, Hydraulic Dump Wagon, NI 716 32' Elevator w/Motor & PTO, Smoker 22' Elevator, Westfield 18' Auger w/Electric Motor, Riteway Rock Picker, Leon Rock Picker Farmhand 8' Snow Blower, JD Quick-Couplers JD WF, 4WD I H Flat Top Fenders For 706-1466, I H 66 Series Cabs Year-Round Cab w/Air For IH 66 Series, Damaged IH 84 Series Cab, J D & I H Front & Rear Wts, JD 243 Corn Head w/ Adaptor Plate New WFE For Ford 7700, Myers Snow Blade for IH 240

Muv-All 30 Hyd Implement Trailer

J D Roll-Guards, Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc

STRAW CHOPPERS For J D 4400 6600, 6620, 7700 M F 510

MECHANICS SPECIALS TRACTORS 4020 Tri

JD 3010 D, As Is

JANUARY SPECIALS

TRACTORS	
(70) JD 5020	$ 4,500
IH 1086 C A	$ 8,900
MF 1100 D	$ 2,975
MF 175 D	$ 1,975
COMBINES	
1973 JD 6600 D C A w/Grain Head	$ 3,500
IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 8,500
M F 510 Diesel w/Cab & Q T Grain	$ 2,900
(2) IH 205's w/Cabs, 10' Grain Head, Buy The Pair For	$ 1,500
IH 105 w/Cab & 10' Grain	$ 1,200
JD 4400 Gas	$ 3,500
MF 300 w/24 Corn Head	$ 2,250
MISC.	
JD 38 w/2R Corn Head	$ 1,000
NI 325 w/12 Roll Bed	$ 3,500

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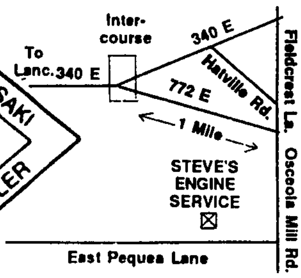

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TRACTORS

IH 166 w/Cab
Case IH 2096 Tractor
IH 826 Dsl. Gear Drive
IH 756 Dsl.
IH 706 Gas
IH 464 Gas
IH 656 Gas
IH 656 Dsl.
IH Super C
IH 166 w/Cab
Same 95 4WD w/Cab
IH 3688 Dsl. w/Cab
Oliver 550 w/Ldr.
Case IH 2096 Tractor

PLANTING & SEEDING

White 5400 Planter
IH 510 Grain Drill, 16x7

SKID LOADERS

Case 1818 Gas
Case 1830, Gas
Case 1835C D, Low Hrs.
Bobcat 731 Dsl.
IH 4150 Dsl.
IH 4130 Gas

TILLAGE

IH 350 Disc, 10'
IH 401 Springtooth Harrow
IH 531 Plow 3x14
IH 55 Chisel Plow, 9'
Pittsburgh Spring Tooth Harrow
IH 720 5x20 Plow
IH 480 Disc Harrow, 13'
Bearcat 10' Packer
Brillion 9' Packer
Dunham Lehr 11' Disc Harrow
Athens 131 Disc

UNI EQUIPMENT

704 Power Unit
717 Combine
727 Husking Bed
838 Husking Bed
768, 3R Corn Head

HARVESTING EQUIPMENT

IH 820 Flex Head 16½'
IH 810 Platform 15' w/Hart-Carter Flex Bar
IH 1460 Combine
Case 660 Combine

MATERIAL HANDLING

IH 1050 Grinder Mixer
JD 54 Manure Spreader
NI 214 Manure Spreader
NI 213 Spreader
Hawk Bilt 2155 Manure Spreader
Badger 3000 Gal. Tank
IH 560 Manure Spreader
NI 352 Manure Spreader
Badger BN66 Belt Feeder
IH 1150 Grinder Mixer

HAY & FORAGE

Case IH 600 Blower
Brady 144 Shredder 12'
Case 220 Square Baler
Gehl 99 Blower
IH 1490 Mower Conditioner 12'
IH 881 Forage Harvester w/2 Row Corn Head
NH 479 Haybine
NH 495 Haybine
IH 440 Baler
Badger 950 Forage Wagon
NH 489 Haybine
NH 1495 Windrower
Hesston 6550 Windrower, 12'
IH 56 Blower
NH 25 Blower
Krone 150 Round Baler
Gehl 920 Forage Wagon
IH 110 Forage Wagon
IH 650 Forage Harvester w/2R Corn Head

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(814) 467-8839 (814) 467-7085

IH 2110 Gas, 5+2, Air Brakes, 16' Factory Grain Bed & Hoist

On The Lot!

709 4WD w/1000 Hrs. & 839 Husker

- IH 1466 Cab & Air
- JD 6600 Diesel, Rotary Screen, w/Air
- JD 7000 6 Row Max Amerge Planter, Liquid w/Free Mtd. Coulters
- 4 Row Flail Type Stalk Chopper
- Int. 2010 Grain Truck, 18' Factory Bed & Dump
- 709, 3600 Hrs., $10,750
- 704 Gas w/737, Choice of Heads
- IH 234 Mtd. Picker w/Husker
- NI 323 Picker
- 966
- IH 766 w/Cab
- Ford Jubilee
- Uni 702 Dsl.
- Uni 705 Dsl.
- 838 Uni Husker
- (2) 729 A Shellers
- MF 300 Combine, Early Model But Nice
- NI 717 Combine, Nice
- NI 813 Flex Head, Nice
- Several Bean Platforms for Uni (Older Style)
- Adapter Throat to Put Corn Head on Uni Super Chopper
- 15' Bean Table for Gleaner F or F2
- 2RW Corn Head for Gleaner K or E III
- JD 3010 Dsl. w/Turbo
- JD Factory Snow Plow, 7', Fits Late 2 Cyl. Up Through

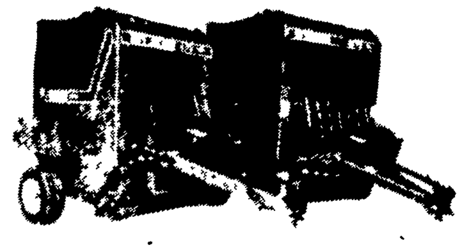
IH 4100, 4WD, Farm Tractor

RAYMOND B. LEAMAN

Willow Street RD 1
Ph: Lancaster
717-464-2778

Midway between Lancaster & Quarryville off Rt. 222 take Brenneman Road at Graybill Bros. Garage, Refton.

GEHL® FARM EQUIPMENT



TDC. Round Balers Only From Gehl

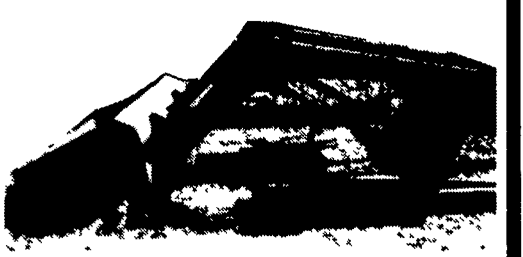
TDC® —Total Density Control, is a patented "air draulic" bale density system exclusively on Gehl round balers This remarkably simple system allows you to vary bale density and core size to adapt to changing crop conditions — giving you the flexibility you need to make quality round bales Both the 1870 and 1470 feature texturized belts, constant velocity driveline, and the optional manual or Auto Electric Twine wrap

GEHL 1470 BALER With Manual Elec. Twine Wrap
List $13,567.00
Sale Price $10,950.00
Plus Cash Discount or Low Rate Finance

GEHL 1310 Fixed Chamber Round Baler With Hyd. Twine Wrap
List Price $11,650.00
Sale Price $9,700.00
Plus Cash Discount or Low Rate Finance

USED LOADERS

USED JOHN DEERE LOADER
MODEL 146
FRONT-END LOADER

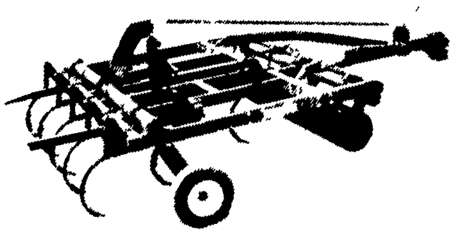


Includes mounting brackets, control valve & 72" bucket. Will fit JD 2030-2440, 2750 and others.

SALE PRICE $2,450

Used Schwartz Loader With Hyd. Control Valve and 58" Bucket And Fork Combination Fits MF 165 Tractor and Others
Sale Price $675.00

New Glencoe Soil Saver



Model SS 7400 7 Shank With Adjustable Front Coulters
8 ft. 9" Wide
Sale Price $7,935.00

GOOSSEN BALE CHOPPER

FEATURES:
- 11 H P. Honda Engine with electronic ignition, oil alert
- Safety Lid
- Adjustable Grate
- Lift Handles
- Banded 3-belt Drive

1 Only

Sale Price $1,895.00

LEBANON VALLEY IMPLEMENT CO., INC.
[illegible]
717-866-7518

Customer Appreciation Days

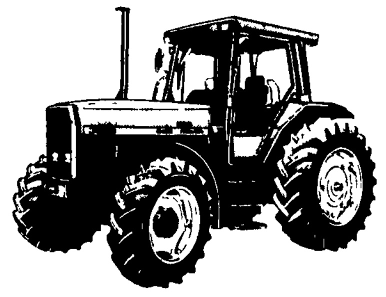
MASSEY-FERGUSON
Where farmers' ideas take root

JANUARY 14 thru 18, 1991
8 AM to 5 PM
Check Out Our Parts Discounts

GEHL
FARM EQUIPMENT

MF 3600 SERIES
MF 3650

130 HP
4 Wheel Drive
In Stock &
Ready To Go!



Tighter turning.

When making tight turns on the headlands, you need to quickly disengage the differential lock, but keep the 4WD to pull you sharply through the turn.

- ▶ Raise your 3-point hitch or touch a brake and M-F Autotronic tractors automatically disengage the differential lock, but continues the 4WD so you can turn faster and sharper. The competition shuts off their front-wheel assist, or does nothing.

Gentler PTO.

Independent PTO systems can be pretty hard on shear pins, clutches and implements

- ▶ M-F Autotronic tractors automatically measure the PTO load and engage the clutch smoothly and progressively to prevent damage

Reduced slippage.

How often have you wasted fuel and time from unnecessary wheel spin, or even been stopped when one wheel dug in, just because you forgot to re-engage the differential lock or 4WD?

- ▶ Drop the three-point hitch and M-F Autotronic tractors automatically re-engage the differential lock to prevent spinning and lost time
- ▶ On 4WD models, touch the differential lock and it automatically engages the 4WD

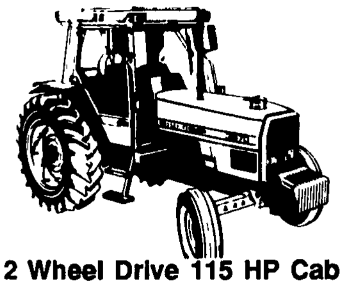
Save fuel and tires.

4WD is great in the field, but not on the road

- ▶ M-F Autotronic tractors automatically disengage the 4WD at speeds over 9 mph (14 KPH) for better fuel economy and less tire wear.
- ▶ Slow down, and 4WD is re-engaged for maximum control and traction

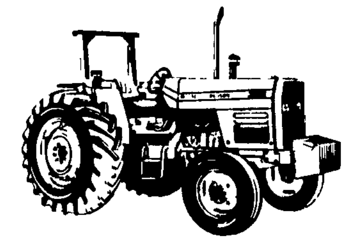
List Price $63,431.00
Demonstrator Cash Price $44,350.00

NEW MF 3140



2 Wheel Drive 115 HP Cab With Air, 18.4x38 Rear Tires, 16 Speed Trans. And Forward/Reverse Manual Shuttle
List Price - $44,300.00
Cash
Sale Price -$32,900.00

NEW MF 390T



2 Wheel Drive - 80 HP
12 Speed Trans., Ind. PTO
Dual Spool Hyd. Outlets,
18.4x30 Power Adjust Rear Tires
List Price - $26,536.00
Cash
Sale Price $19,600.00

NEW MF 1035
Compact Tractor

31 HP Diesel - 4 Wheel Drive
Ag Tires, Live PTO, 12 Speed Forward 4 Reverse Trans.
List Price $14,438.00
Sale Price $11,300.00
* Plus Cash Discount Of $600.00 Or Low Rate Financing

New MF 1010
Compact Diesel

16 HP Diesel 4 Wheel Drive
Ag Tires - Live PTO, Hydro Trans.
List Price $10,056.00
Sale Price $7,775.00
* Plus $400.00 Cash Rebate Or Low Rate Financing

NEW MF 1045
Compact Tractor

35 HP Diesel - 4 Wheel Drive ive PTO,
9 Forward, 3 R

SOLD

List P
Sale Price 12,500.00

Plus $600.00 Cash Discount or Low Rate Financing

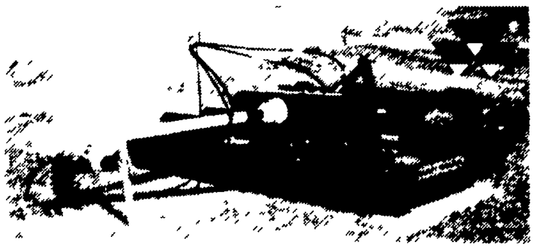
NEW AND USED EQUIPMENT LIST

New Glencoe Field Cultivator 12½ Ft. Pull Type	$2,195.00
Used Glencoe Field Cultivator 11½ Ft. Pull Type	$975.00
New Ficklin 190 Bushel Gravity Box	$875.00
Used Country Boy Gravity Box On JD Gear	$765.00
New Herd 750 Fertilizer Spreader And Seeder 9.6 Bu.	$675.00
Used IH 12 Ft. 3 Point Hitch Viper Shank Field Cultivator	$450.00
New MF 3 Point Hitch, 5 Ft. Rotary Cutter	$650.00
New MF 3 Point Hitch, 6 Ft. Rotary Cutter	$810.00
New MF 3 Point Hitch, 5 Ft. Finishing Mower	$1,075.00
New MF 3 Point Hitch, 6 Ft. Finishing Mower	$1,189.00
Used Grain Auger 6"x16 Ft. 2 HP Motor Like New	$350.00
Used Bale Wagon 18 Ft. With Sides 8 Ton Wagon Gear	$475.00
Used Bale Wagon 16 Ft. With Sides, 7 Ton Wagon Gear	$525.00
Like New Hefty 18 Ft. With Steel Sides With Like New 8 Ton Gear, Adjustable Hitch, 11Lx15 Tires	$1,750.00
New Meyer Elec. Cinder Spreader.	$896.00
New 3 Point Hitch Scraper Blade 8 Ft. Arps, 50 HP Rating	$625.00
New 3 Point Hitch Scraper Blade, 7 Ft. Arps 50 Hp Rating	$575.00
New 3 Point Hitch Scraper Blade, 7 Ft. Arps	$510.00
New 3 Point Hitch Scraper Blade, 6 Ft. MF	$275.00
Like New 3 Point Hitch Blade, 8 Ft.	$365.00
New Century Trailer Sprayer, 300 Gal. Tank 28 Ft. Boom, No Drip Nozzles, 3 Lever Control, Centrifugal PTO Pump, Agitator and 11Lx15 Tires	$2,995.00
Used Century Trailer Sprayer, 300 Gal. Tank 28 Ft. Boom, 3 Lever Control, Centrifugal PTO Pump and Agitator	$1,200.00
Used Century 3 Point Hitch Sprayer, 125 Gal. Tank 21 Ft. Boom, 6 Roller Pump and Agitator	$650.00
Used 3 Point Hitch Sprayer	$250.00
Used 7 Ft. Sickle Bar Oliver 3 Point Hitch Mower	$725.00
Used 7 Ft. Sickle Bar IH Pull Type Mower	$325.00
Used Brady Chisel Plow 7 Tooth Mounted	$395.00
Used JD Plow Mounted 3x16 Hyd. Reset	$625.00
Used Ford 2 Bottom Tumble Plow, Mounted	$495.00
Used MF 3x14 Mounted Trip Bottom Plow	$295.00
Used MF 3x16 Model 82 Mounted Trip Bottom Plow	$525.00
Used MF 3x16 Model 43 Mounted Trip Bottom Plow	$410.00
Used IH 3 Bottom Trailer Plow	$95.00
Used Grimm Hay Tedder	$850.00
Used Lely 3 Point Hitch Hay Tedder	$795.00
Used Gehl Rake, 4 Wheel 3 Point Hitch	$350.00
Used Generator 100 KW Trailer Mounted PTO Drive	$2,500.00

USED TRACTORS

IH 544 Gas, 52 HP With Loader Good Running Condition	$6,500
MF 265 Diesel, 60 HP MP Trans. Ind. PTO	$7,500.00
MF 65 Gas 46 HP, Live PTO 38 Rear Tires	$3,500.00
MF 283 Diesel 67 HP, Live PTO 38" Rear Tires	$6,995.00
Allis Chalmers G on Steel With Cultivator	$1,200.00

MASSEY-FERGUSON



MF 1051 ROTARY CUTTER

10 ft. wide pull type
Sale Price $3,439.00

Like New MF 1017 Backhoe

Includes 12" Bucket Self Contained Hyd., System Mounting Brackets For MF 1045
New List $5,500.00
Sale Price $2,600.00

MF 233 Transport Disc

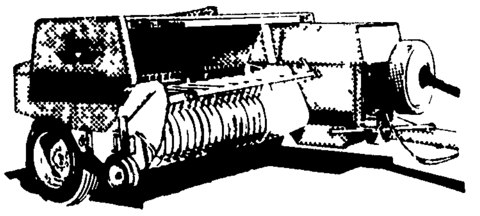
Less Dual Wheels

10 Ft. Wide - Spring Cushion Gangs, 22" Disc Blades, With Scrapers, Adjustable Pitch Gangs - 11Lx15 Tires
Sale Price $4,525.00
New MF 233 12 ft wide also in stock

USED DISCS

Case 8 Ft. Transport Disc	$395
IH 3 Point Hitch, 10 Ft. Disc	$695
John Deere 8 Ft. Pull Type Disc	$350
John Deere 9 Ft. Transport Disc	$495
Used 6½ Ft. 3 Point Hitch Disc	$395

New and Used Square Balers



New MF 228 Baler With MF 212 Hyd. Drive Thrower With 68" Wide Hay Pickup
List Price - $13,784.00
Cash Sale Price $10,900.00

Used IH 430 Baler With Thrower, Good Working Condition
$2,350.00

Used MF 10 Baler Without Thrower
$700.00

LEBANON VALLEY IMPLEMENT CO., INC.

700 E Linden Street Richland, PA 17087
717-866-7518

MASSEY-FERGUSON
Where farmers' ideas take root

Customer Appreciation Days

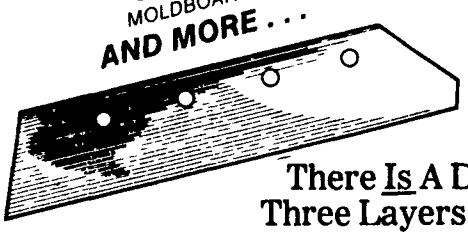
January 14 thru 18, 1991 8 AM to 5 PM

MASSEY-FERGUSON
Where farmers' ideas take root

10% DISCOUNT ON ALL MF & GEHL PARTS
Cash And Carry During The Week Of Jan. 14-18

SPECIAL ORDER PARTS - 10% DISCOUNT
w/25% Deposit, Balance To Be Paid On Availability Of Parts

SHINS
SHARES
LANDSIDES
MOLDBOARDS
AND MORE . . .



MF Massey Ferguson POWERPART

DIRECT SHIP UNIVERSAL PLOW PARTS

There Is A Difference...
Three Layers Of Steel For:

- LONGER LIFE
- SHOCK RESISTANT
- LESS CRACKING

PLOW SHARES

		DIRECT SHIP Reg. Price	SALE PRICE
MF			
• 475160 M1 Reg Clipped Wing	PS003071	$16.91	$7.10
• 475167 M1 Reg. Long	PS003073	$13.82	$7.84
• 475715 M1 H.D. Clipped Wing	PS003078	$21.52	$8.77
• 475716 M1 Heavy Duty Long	PS003079	$23.92	$9.10
• 475823 M1 Reg. Long	PS003080	$19.36	$8.50
SHINS & TRASH BOARDS			
• 1073604M1 Shin	PS003084	$12.22	$5.90
• 661869M91 Trashboard	PS003093	$39.52	$10.95
MOLDBOARDS			
• 660022M91 14"	PS003087	$174.74	$49.00
• 660206M91 16"	PS003088	$122.81	$42.00
LANDSIDES Fits All MF Plows			
• 476536 M1 Short Steel	PS003091	$20.22	$10.90
• 475155 M1 Long Steel	PS003089	$28.47	$14.95
• 476381 M1 Reg. Steel	PS003090	$18.15	$13.80
IH			
• PS003057	16" Long 463237R1	$10.40	$8.95
• PS003063	IH Shin	$ 8.02	$6.14
DEERE			
• 20545	16" Long A10227	$11.30	$ 9.05
• 20975	Shin AA14566	$ 7.65	$ 6.44
WHITE/OLIVER			
• PS003135	16" RD16R	$10.45	$9.40
• PS003137	18" RD18R	$11.75	$10.40

ALL PLOW PARTS NOT ON DIRECT SHIP ARE 10% LESS

APPLICATIONS AVAILABLE FOR:

- Allis-Chalmers
- Case
- Deere
- Ford
- IHC
- Melroe-Morris
- Pittsburgh-National-David Brown
- Stover Chisel Parts
- White-Oliver
- Wil-Rich

1000 GEH, 1000 GED

Many Other Sizes And Models To Choose From!

MASSEY FERGUSON HIGH PRESSURE WASHERS by CAM SPRAY

Model #	PSI	GPM	Gas/ Elec.	Reg. Price	C.A.D. SALE PRICE
1000GEH	1000	2.2	Elec.	$449.95	$429.00
1000GED	1000	2.2	Elec.	$599.95	$535.00
1200GDX	1200	3.0	Elec.	$899.95	$795.00
1200GB	1200	3.0	Gas	$675.95	$599.00

CUTTER BAR PARTS

GUARDS, SECTIONS
KNIVES

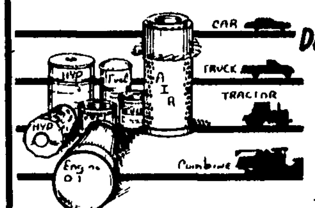
15%

OFF Reg. Price

★ Cutterbar parts for, Case IH, Deutz-Allis, Ford, Gehl, Hart Carter, Hesston, J.E. Love, John Deere, MF, New Holland, New Idea, Owatonna, Trumph, Versatile, White. Call for your sale prices.

ALL MAKE FILTERS

- Lube
- Air
- Fuel
- Hydraulic



Don't Fall For Look Alikes - USE MASSEY/ FLEETGUARD FILTERS FOR BETTER & LONGER ENGINE LIFE.

We have the Filter for every application!

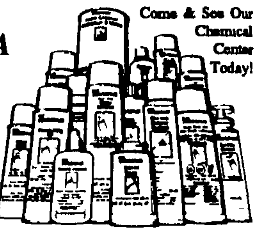
FREE: 8 Qts. of Quaker State 15W40 Engine Oil w/Purchase of $50 Worth of Filters

Case Lots LESS 10%

CHEMICALS

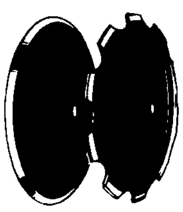
Good Quality At A Good Price

Universal products for farm, home, industrial, automotive & recreational use.



Come & See Our Chemical Center Today!

15% OFF Reg. Price
Case Lots-
5% ADD'L DISCOUNT



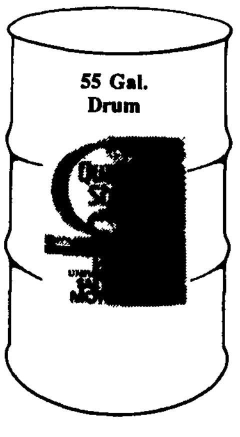
DISC BLADES

- High concavity for greater draft and more soil action
- Plain and notched styles for various field conditions
- Center holes sizes to fit many brands of machines

	Reg.	SALE
• #24000 20" 7 ga. 1 1/8x1¼ Dual Sq.	$18.25	$13.50
• #24072 22" ¼ Thick 1 1/8x1¼ Dual Sq.	$31.70	$20.55
• #1904728M1 22" 6 Ga. 1½ x1¾ Sq. Rd., Only 54 pieces	$26.75	$19.95

Many Other Sizes & Types Available
Plus The Best Warranty In The Industry!

HDX UNIVERSAL FLEET MOTOR OIL



This universal motor oil provides superior lubrication with detergent/dispersant, anti-wear and anti-corrosive additives. Quaker State HDX Universal Fleet is for motorists who need superior protection for 4-cycle gasoline and diesel engines, both naturally aspirated and super-charged. (Not intended for aircraft.)

- SAE 15W-40, 10W, 20W-20, 30, 40, 50
- Exceeds API CD, CC, SF, SE
- Exceeds API CE, CD, CC, SF, SE (15W-40)
- Exceeds MIL-L-2104D, MIL-L-46152B
- Exceeds Caterpillar TO-2
- Exceeds Detroit Diesel Allison Division C-3 (15W-40, 10W, 30)
- Exceeds Mack EO-K/2 (15W-40)
- Exceeds Cummins NTC-400 (15W-40)

	Reg.	SALE
Bulk	$4.74	$4.25
55 Gal. Drum	$225.00	$199.00
5 Gal. Can	$30.00	$27.95
4 Qt. Jug	$6.25	$5.75
1 Qt. Jug	$1.59	$1.45

VACUUM PUMP OIL

5 Gal. #5GV*	$22.75
30 Gal Drum	$139.00
55 Gal Drum	$229.00

PERMATRAN III UNIVERSAL HYDRAULIC & TRANSMISSION FLUID

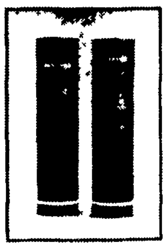
20%
Off
Reg. Price

55 Gal. Drum
perma tran III
EXTREME PRESSURE TRANSMISSION AND HYDRAULIC FLUID
20% Off
Reg. Price

MULTI-PURPOSE LITHIUM GREASE

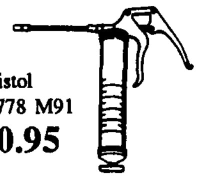
841618M1

	Reg.	SALE
• Tube	$1.19	$1.05
• Box of 10	$11.90	$9.95
• Box of 50	$59.50	$46.95



GREASE GUNS

Lever 1902 683 M92
$6.95



Pistol
1904 778 M91
$10.95

• 12" Grease Hose #27364	$2.50
• 18" Grease Hose #28475	$2.95
• 24" Grease Hose #27375	$3.25
• Coupler w/Ball Check #64856	$1.15

LEBANON VALLEY IMPLEMENT CO., INC. Richland, PA 717/866-7518

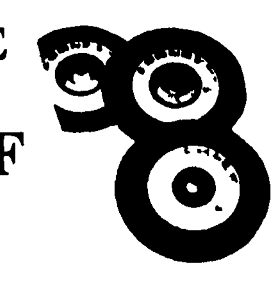
TWISTED CHISEL TEETH

	Reg.	SALE
• 30140, 3"x½ "x22" Right	$7.90	
• 30150, 3"x½ "x22" Left	$7.90	$6.70
• 30153, 4"x½ "x23" Right	$11.50	
• 30155, 4"x½ "x23" Left	$11.50	$9.80

REVERSIBLE POINTS FOR FIELD CULTIVATORS

	Reg.	SALE
• 31240 5/16"x11½ " 3/8 Bolt	$2.20	$1.77
• 31250 5/16"x1¾ "x11½ " 7/16 Bolt	$2.20	$1.77
• 31271 3/8"x2"x11¾ " 7/16 Bolt	$3.00	$2.52
• 31300 3/8"x2"x11¾ " 3/8 Bolt	$3.00	$2.52
• 31270 3/8"x2"x11½ " 7/16 Bolt	$3.00	$2.52

ABRASIVE WHEELS 15% OFF



Reg. Price

With patented thro-a-way hub, epoxy welded to wheel or the depressed center hubless wheel triple reinforced fiberglass construction, faster cutting.

PROFESSIONAL SHOP REPAIRS

- Service To Meet Your Needs - We Repair Any Brand Farm Tractor, Skid Loader Or Other Piece Of Equipment.
- Lawn Mower And Garden Tractor Repairs
- Welding Repairs & Fabrication
- Loader Buckets, Shear Bars, Etc.

Call Marlin, our Service Manager, and schedule your equipment repairs now.

SHIPPED VIA UPS

WE CAN SHIP YOUR PARTS BY UPS

FREE COFFEE & DONUTS ALL WEEK

LEBANON VALLEY IMPLEMENT CO., INC.

700 E Linden St , Richland, PA 17087
(717) 866-7518

MASSEY-FERGUSON

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Cash And Carry During The Week Of Jan. 14-18

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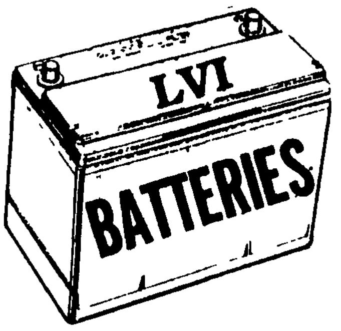


FREE BATTERY AND SYSTEM CHECK!

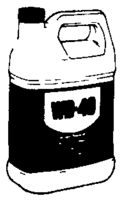
12 VOLT
- 30H 720 Cold Cranking Amps $59.95
- HP-31E, 1050 Cold Cranking Amps $69.95
- 4DLT 830 Cold Cranking Amps $93.95

6 VOLT
- 3EH 820 Cold Cranking Amps............$63.95
- 4EH 950 Cold Cranking Amps............$76.95

AUTO & TRUCK - 12 VOLT
- 24-40 375 Cold Cranking Amps...........$31.95
- 24-50 435 Cold Cranking Amps...........$34.95
- 24-72 750 Cold Cranking Amps...........$49.99
- 27-LT-650 Cold Cranking Amps $49.95

Over 50 Other Sizes In Stock - Same Discounts!

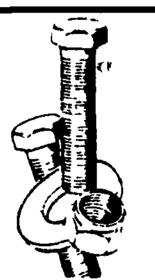
WD-40®



- 9 oz. Can............$1.49
- Gallon w/Sprayer............$9.95
- 12 oz. Can.....................$1.95

BOLTS

$1.49 Per Pound



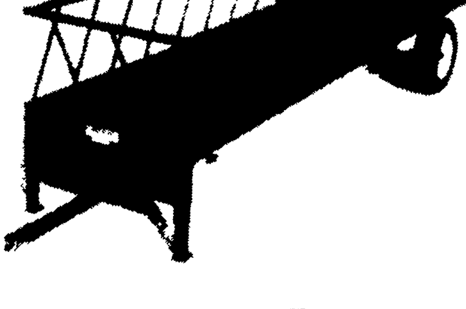
- Grade 5 Hex, Lag, Carriage Bolts, Nuts, Lock Washers, Flat Washers

ALL HARDWARE

- Brooms • Shovels • Rakes
- Fencing Supplies
- Hand Tools • Tape
- Wheelbarrows
- Heat Tape • Sledge Hammers • Axe
- Forks • Springs

ALL 10% OFF

CATTLE FEEDERS FARMCO



Compare These Features:
- 12 Gauge Steel Trough
- 2" Square Tubing On Top } 40% Stronger than round
- 1" Square Tubing Uprights }
- 1¼" Spindles-6 Bolt Hubs - 15x6 Wheels
- Slide Out Tongue - Retractable Legs
- Primed and Finished With Rust-Oleum Paint
- Other Styles Also Available

24 Ft. 2 Wheels and Front Stands

SALE PRICE - **$750.00**

Call For Price On Different Sizes & Styles

WELDING DEPARTMENT

We manufacture and rebuild loader buckets
— Also —
We do equipment modification and fabrication

NOW IS THE TIME TO REBUILD YOUR EQUIPMENT

PAINT

- **MF - 25% OFF**
- **KRYLON** - Reg. $2.95
  SALE **$2.65**
  6 Or More **$2.55**

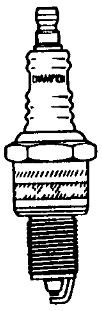
SPECTRUM'S
TOWN & COUNTRY
OIL BASE
farm & ranch paint

- **Town & Country Barn Paint, Oil Base, White-Green-Red**

$10.95 Per Gal.

CHAMPION COPPER PLUS

NON-REGISTER OR REGISTER



20% Off Reg.

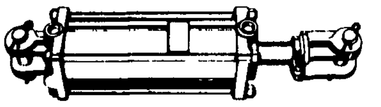
Goop HAND CLEANER

No. 64
4½ Lb. Can

- 4½ Lb. Can #64G.........$6.95
- 14 oz. Can.......................$1.25

Buy 6 Cans Of #64G And Receive Dispenser FREE! Limited Qtys.

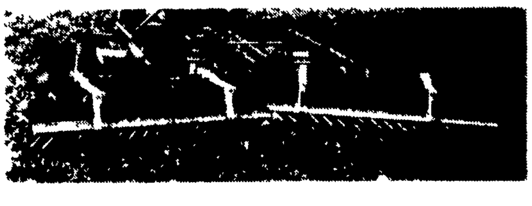
Save on our complete line of Cross Hydraulic Cylinders during "Best Buy Days!"



#308DU 3"x8"
Reg. $55.95
SALE **$49.00**

BUSTER BAR Midwest MINIMUM TILLAGE EQUIPMENT — RIGID TOOTH HARROWS

FOR YOUR PLOWS, CHISEL PLOWS DISKS & FIELD CULTIVATORS



IN STOCK - Call For Details And Prices!

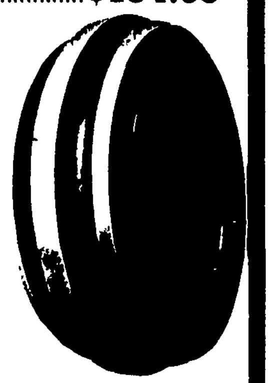
FARM TIRE BONANZA

McCREARY FARM IMPLEMENT

11Lx15 8 Ply Goodyear Farm Service Top Line Wagon Tire - ~~$59.95~~ **$52.50**

Size	Ply	Price
* 670-15	6 ply	$36.00
* 7.60-15	6 ply	$41.10
* 9.5L-15	10 ply	$48.00
* 9.5L-15	12 Ply	$53.00
* 11L-15	8 ply →	$43.00
* 11L-15	12 ply	$63.00
* 11L-16	8 ply	$48.00
* 12.5L-15	10 ply	$69.00
* 12.5L-15	14 ply	$82.00
* 12.5L-16	14 ply	$85.00
* 12.5L-16	12 ply	$77.00
* 165L-16.1	10 ply	$194.00

McCREARY FARM FRONT (F2 Triple Rib)



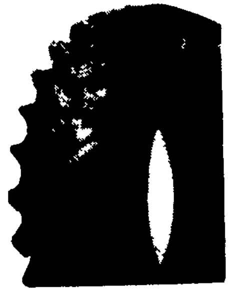
Size	Ply	Price
* 7.5L-15	6 ply	$49.00
* 11L-15	8 ply	$74.00
* 6.00-16	6 ply	$44.00
* 10.00-16	6 ply	$81.00
* 11.00-16	8 ply	$120.00
* 7.50-18	6 ply	$65.00

SKID LOADER TIRES

Size	Ply	Price
* 10x16.5	6 ply McCreary	$85.00
* 12x16.5	8 ply McCreary	$115.00
* 10x16.5 Steel	6 ply McCreary	$110.00

SAFEMARK/ KELLY REAR TRACTOR TIRES

SALE ENDS JAN. 18th



Size	Ply	SALE
9.5-24	4	$120.00
11.2-24	4	$129.00
12.4-24	4	$155.00
14.9-24	4	$194.00
14.9-24	6	$200.00
16.9-24	6	$239.00
11.2-28	4	$142.00
12.4-28	4	$159.00
13.6-28	4	$180.00
13.6-28	6	$200.00
14.9-28	6	$229.00
16.9-28	6	$265.00
16.9-30	6	$275.00
18.4-30	6	$315.00
16.9-34	6	$295.00
18.4-34	6	$340.00
18.4-34	8	$385.00
12.4-38	6	$225.00
13.6-38	6	$235.00
15.5-38	6	$265.00
16.9-38	6	$326.00
18.4-38	6	$375.00
18.4-38	8	$425.00
20.8-38	8	$560.00
14.9-28	4	$189.00
11.2-38	4	$170.00
12.4-38	4	$195.00
13.6-38	4	$225.00
14.9-38	6	$250.00
16.9-38	8	$360.00
20.8-38	10	$645.00
24.5-32	10	$830.00
23.1-26 TBL	10	$645.00
28L-26 TBL	10	$790.00
30.5L-32 TBL	10	$1020.00

SAFEMARK MULTI-ANGLE RADIAL:

SHORT/ LONG BAR

Size	Rating	Price
18.4R-34	★ STAR	$468
18.4R-38	★ STAR	$515
18.4R-42	★ ★ STAR	$610
20.8R-38	★ STAR	$710
20.8R-38	★ ★ STAR	$74

LEBANON VALLEY IMPLEMENT CO., INC.

700 E. Linden St., Richland, PA 17087
(717) 866-7518

MASSEY-FERGUSON
Where farmers' ideas take root

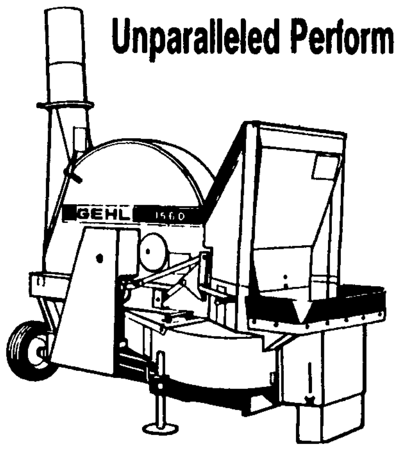
Customer Appreciation Days

JANUARY 14 thru 18, 1991

8 AM to 5 PM

GEHL®
FARM EQUIPMENT

GEHL



Unparalleled Performers

The ultimate forage blowers are here - the Gehl 1540, 1560 and 1580 These blowers have been developed around the high capacity tradition of famous Gehl blowers In addition to unmatched capacity, these blowers boast many convenience features - swing-away blower outlet, removable tunnel covers, replaceable rim sheet liner, adjustable left axle, quick-adjust air vents, PTO storage hanger and more

GEHL 1580 BLOWER
1000 RPM, List Price $4,444.00
Sale Price $3,644.00

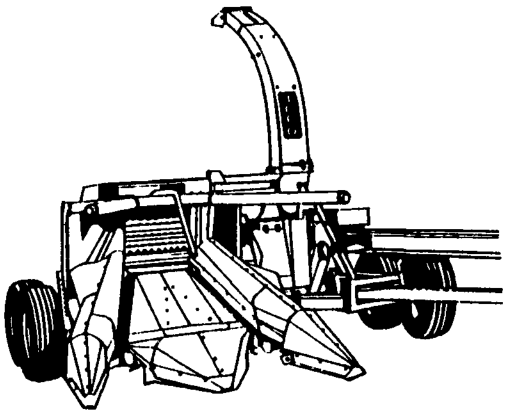
GEHL 1560 BLOWER
1000 RPM, List Price $4,198.00
Sale Price $3,200.00

GEHL 1540 BLOWER
540 RPM, List Price $3,759.00
Sale Price $3,200.00

Plus Cash Discount Or Low Rate Finance. Prices Are For In Stock Supply Only.

USED BLOWERS

Gehl 99 540 PTO Good Condition	$1,250.00
New Holland #27 540 PTO	$1,250.00
Gehl 99 540 PTO	$400.00



CB 1060 Harvester
1 Only #6518, 1000 RPM, Elec. Controls
Sale Price $12,500.00
Plus Cash Discounts Or Low Rate Finance

New Model 860 Harvester Also In Stock

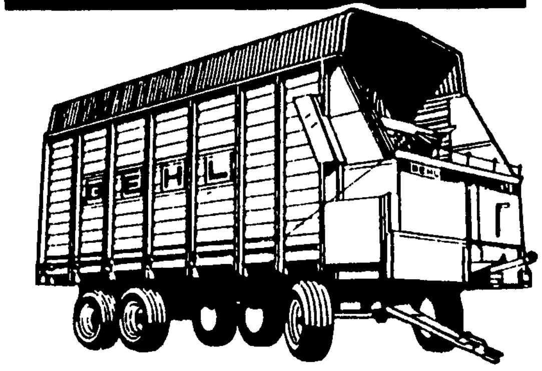
Gehl Hay and Corn Heads
TR 3038 2 Row Cornhead
1 Only #2432
Cash Price $3,450.00

Model HA 1210 7 Ft. Hay Pickup
Cash Price $3,300.00

USED FOX HARVESTER
Model 2310 With 2 Row Cornhead and 7 Ft. Hay Pickup
Cash Price $2,800.00

USED GEHL MODEL 1000
Hay Pickup
Cash Price $659.00

GEHL



High Capacity...Fast Unloading

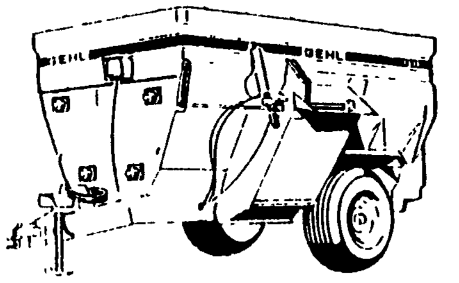
The Gehl 970 Series self-unloading forage box is a winner! You can't beat it for unloading speed, capacity, strength, ease of maintenance -- and price! Ten-year warranty on sides, endgate, stakes and platform tells you a lot about its superior construction. And the Even-Flow third beater plus a wide 23¼ inch cross conveyor give you the speed and capacity you're looking for. Available in five sizes. Stop in and look one over today!

Gehl 970 Forage Box -
16' Long, 3 Beaters & Roof, Less Running Gear
Sale Price $5,300.00
Plus Cash Discount Or Low Rate Finance

USED FORAGE BOXES

Dion 16 Ft. 3 Beaters And Roof Like New Condition, Less Running
$4,350.00

EZ Forage Box 16 Ft. 3 Beaters And Roof, 10 Ton Gear
$850.00



Mix and Feed with the Finest

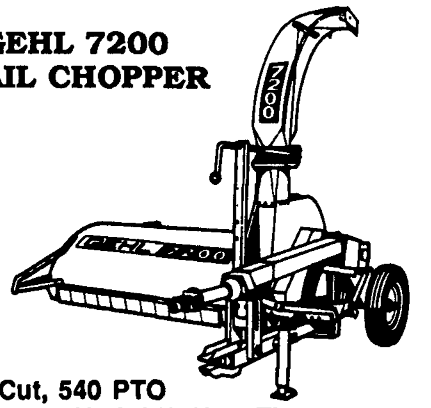
If you're looking for a faster, more efficient way to mix feed and deliver it to your herd, look no further than the complete lineup of mixer feeders available from Gehl.

Gehl's efficient, four-auger design quickly and completely mixes all rations, including square baled alfalfa hay. A planetary drive system eliminates extra chains and lowers hoursepower requirements. And its patented star couplers allow the bottom augers to flex, without shearing pins or damaging the driveline. Trailer-type, truck-mounted or stationary units are available, with capacities ranging from 210 to 500 cubic feet.

Gehl Model 7210 Mixer-Feeder
With Scale, 16.5Lx16.1 Tires, Adjustable Conveyor

210 Cu. Ft. Capacity
List Price $17,190.00
1 Only Sale Price $13,950.00
Plus Cash Discount or Low Rate Finance

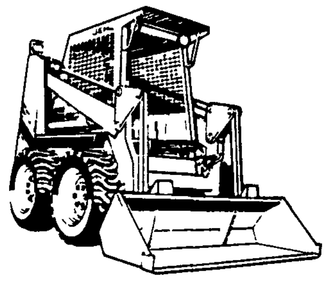
GEHL 7200 FLAIL CHOPPER



6 Ft. Cut, 540 PTO
Hyd. Lift New Tires
List Price $6,360.00
Sale Price $5,375.00
Plus Cash Discounts or Low Rate Financing

USED FLAIL CHOPPER
Gehl 72 6 Ft. Cut, Good Condition
Sale Price $1295.00

GEHL



SKID LOADERS
For Jobs That Aren't Fit For A Tractor

The Gehl Skid Loaders are the machines you can count on to get the job done. The more you use a Gehl Skid Loader, the better you'll like the job-tough, time saving features: • Self-leveling lift action • Side mounted T-Bar controls • Easy to view overhead instrumentation • Roll-back cab for easy serviceability • High output hydraulics for smooth operation of a wide range of attachments • And much more.

GEHL 3510 SKID LOADER
27 HP Gas Water Cooled Engine, Flotation Tires, 54" Bucket
List Price $14,189.00 **Sale Price $10,735.00**
Plus Cash Discount or Low Rate Finance

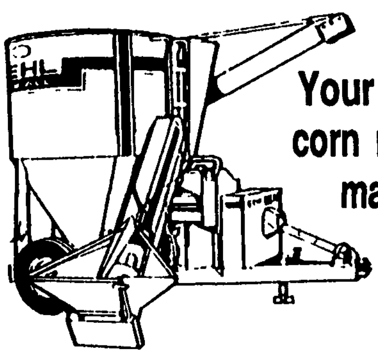
Gehl 3610 Skid Loader
33 HP Diesel Water Cooled Engine, Flotation Tires, 54" Bucket
List Price $15,626.00 **Sale Price $11,500.00**
Plus Cash Discount or Low Rate Finance

Gehl 4610 Skid Loader
42 HP Diesel Water Cooled Engine, Flotation Tires, 65" Bucket
List Price $20,184.00 **Sale Price $15,200.00**
Plus Cash Discount or Low Rate Finance

Gehl 5620 Skid Loader
56 HP Diesel Water Cooled Engine, Flotation Tires, 72" Bucket, Light Kit
List Price $24,706.00 **Sale Price $18,550.00**
Plus Cash Discount or Low Rate Finance

Demonstrator
Gehl 4610 #8642, 42 HP, Flotation Tires, 65" Bucket, New Warranty
List Price $20,184.00 **Sale Price $13,900.00**
Plus Cash Discount or Low Rate Finance

Used Skid Loader
Gehl 4400 Diesel Engine, 44 HP Bucket and Fork
Sale Price $5,200.00



Your efficient corn marketing machine!

If you're feeding corn to livestock, expanding your operation or thinking about it, consider the advantages of a Gehl Mix-All portable grinder-mixer
- Livestock option lets you walk your corn to market
- Feedmaking flexibility adapts your present layout to efficient livestock feeding
- Uniform grind, thorough mixing provide a high quality feed.
- Efficient hydraulics save work and time

USED GRINDER MIXERS

Gehl Model 120
1000 RPM
Sale Price
$2,100.00

John Deere Model 700
Sale Price
$800.00

Gehl 170 Grinder Mixer
540 PTO
SALE PRICE $10,100.00
Plus Cash Discount or Low Rate Finance

LEBANON VALLEY IMPLEMENT CO., INC.

700 E. Linden Street Richland, PA 17087

717-866-7158

Customer Appreciation Days

MASSEY-FERGUSON

JANUARY 14 thru 18, 1991
8 AM to 5 PM

GEHL® FARM EQUIPMENT

GEHL

Thoroughly Conditioned

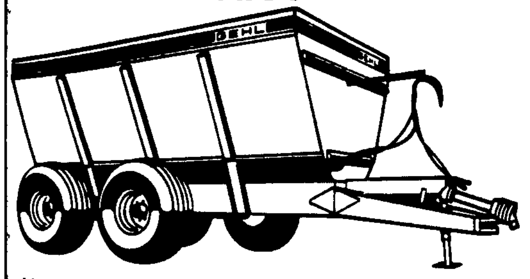
The Gehl 2140/2170 mower conditioners will thoroughly condition your hay. These pull-type mower conditioners are built for fast cutting, fast drying and worry-free performance. The wide, intermeshing rubber rolls with intermittent ribs give you 35% more working edges than continuous-ribbed rolls, for more thorough conditioning That means shorter drying time with less leaf damage See your Gehl dealer today on how the 2140, with a 7 ft cutting width, and the 2170 with a 9 ft 3 in cutting width, will fit into your haymaking operation

Gehl MC 2170
Mower Conditioner
9 Ft. Cut Includes Center Skid Shoe And Mechanical Hitch Control
List Price - $10,944.00
Sale Price - $ 8,800.00
Plus Cash Discount
or
Low Rate Finance

Gehl RR 260
Pull Type Rotary Rake
8 Ft. 10" Raking Width
1 Only At This Price
List Price $2,827.00
Sale Price $2,395.00
Plus Cash Discount
or
Low Rate Finance

Used Gehl MS524

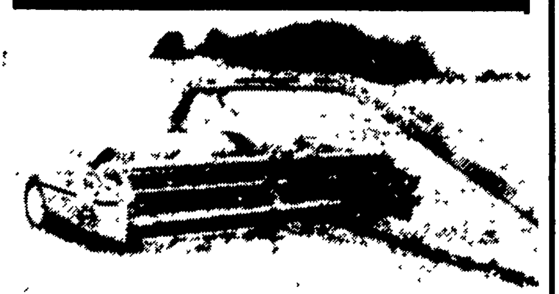
Spread semi-solids fast



You'll get fast, economical application with a Gehl 500 Series manure spreader. They're built specifically to handle self-leveling manure containing 5 to 16 percent solids. You'll spread up to 1500 gallons of semi-solid manure in 2-1/2 minutes with uniform patterns up to 50 feet.

2400 Gal. like new condition
Sale Price $6400.00

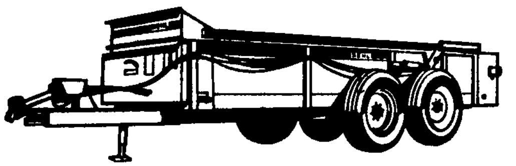
GEHL



109 Inches of Quality Conditioning

A Gehl center-pivot, swing frame mower conditioner gives you high capacity cutting and conditioning with outstanding maneuverability. Two models are available; the 2240 with 12'3" cutting width, and the 2270 with 14'3" cutting width Both models feature wide, 109-inch rubber conditioning rolls with intermittent tread design to deliver thorough, uniform conditioning These machines pivot at the center of the frame for easy header positioning, reducing cutting time and lowering fuel costs And total hydraulic drive means smooth operation and low maintenance Put a Gehl swing frame mower conditioner to work for you today!

Gehl 2240
Mower Conditioner
540 PTO Drive Center Skid Shoe, One Only
List Price $15,907.00
Sale Price $11,950.00
Plus Cash Discount
or
Low Rate Finance



Unbeatable . . . priced right

If you handle mostly solid manure, a Gehl box spreader has the performance features you want at a price you'll appreciate. Features include special Gehl-Tuff flooring that prevents the apron from freezing to the floor and lets manure slide out with little resistance; 12-gauge, corrosion-resistant GEHL STEEL sides for strength and endurance; wide-spread beater paddles for wide, even spreads; constant velocity pto; and a standard two-speed worm drive transmission. Add a 10-year warranty on the floor and sides and you have an unbeatable package available only from your Gehl dealer.

Gehl MS 135 Box Spreader
135 Bushel Cap. Recapped Tires
Sale Price $3115.00
Plus Cash Discount Or
Low Rate Finance

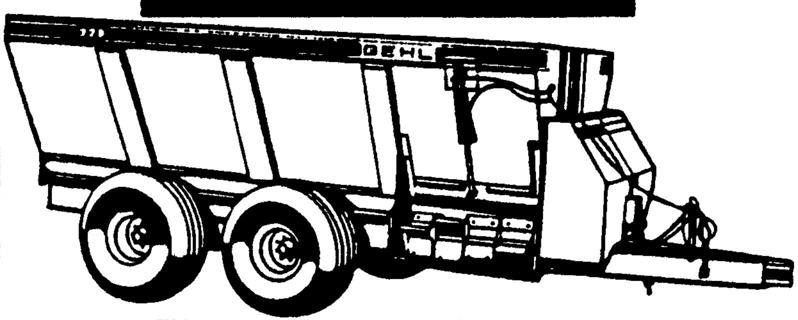
Gehl MS 175 Box Spreader
175 Bushel Cap. Recapped Tires
Sale Price $3,175.00
Plus Cash Discount Or
Low Rate Finance

Gehl MS 250 Box Spreader
250 Bushel Cap - Single Axle Recapped Tires
Sale Price $3,995.00
Plus Cash Discount Or
Low Rate Finance

Gehl MS 325 Box Spreader
325 Bushel Capacity, Tandem Axle Recapped Tires, Hyd. Drive Webb
Sale Price $7,100.00
Plus Cash Discount Or
Low Rate Finance

Used Box Spreader
Case 125 Bushel Box Spreader
Cash Price $500

GEHL



The one spreader for the two spreader farm

Spread liquids, semi-solids, solids, pen-packed, even frozen manure. A Gehl Scavenger® II manure spreader does the work of two spreaders for the price of one. It's built for efficiency, with a heavy-duty square-tube auger that works harder than conventional round augers. The auger powers up and down hydraulically to prevent bridging and cut through winter freeze-ups. Variflo front, right-hand discharge gives you complete application control.

New Gehl 309 Spreader
192 Bu. Single Axle
Recapped 1000x20 Tires
List Price $6966.00
Sale Price $5,600.00
Plus Cash Discount Or Low Rate Finance

New Gehl 312 Spreader
268 Bu. Single Axle,
Recapped 1000x20 Tires
List Price $9108.00
Sale Price $7,195.00
Plus Cash Discount Or Low Rate Finance

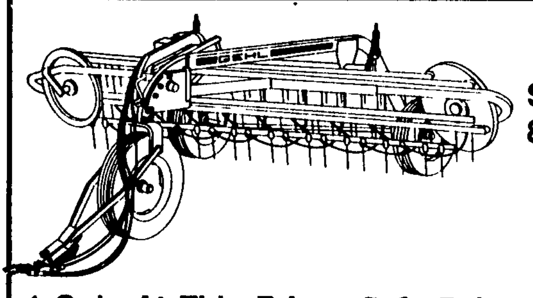
New Gehl 315 Spreader
345 Bu. Tandem Axle
Recapped 1000x20 Tires
List Price $11,572
Sale Price $9,050.00
Plus Cash Discount Or Low Rate Finance

New Gehl 322 Spreader
472 Bu. Tandem Axle, 1000 RPM, Flotation Tires, Wood Side Rails Front and Rear Splash Guards
List Price $15,225.
Sale Price $11,100.00
Plus Cash Discount Or Low Rate Finance

Gehl 312 Spreader
Demonstrat [illegible].
Ca [illegible]
SOLD
Sa [illegible] $6,400.00
Plus Cash Discount Or Low Rate Finance

Gehl 315 Spreader
Demonstrator
345 Bu. Tandem Axle,
1000x20 Recapped Tires
Sale Price $7,500.00
Plus Cash Discount Or Low Rate Finance

Used Scavenger S1263 Manure Spreader
Single Axle, Approx. 240 Bushel
Sale Price $2,675.00



Model PR 452
Hyd. Drive
Side Delivery Rake
8½ Ft. Wide 5 Bar
With Rubber
Mounted Teeth
And Front Wheel

1 Only At This Price Sale Price $3,100.00
Plus Cash Discount Or Low Rate Finance

LEBANON VALLEY IMPLEMENT CO., INC.

700 E. Linden St., Richland, PA 17087
(717) 866-7518

GORMAN-RUPP

Gorman-Rupp pumps have proven themselves in the field where performance counts. In fact, many of the innovations first introduced on Gorman-Rupp pumps are now standard sprinkler irrigation requirements.

Self-Priming Centrifugal
Liquid Manure - Chopper Pumps

Designed to handle all types of animal waste. M Series pumps will pass spherical solids to three inches in diameter.

PORTABLE FIRE PUMPS
P.T.O. TANKER PUMPS
SUBMERSIBLE PUMPS.

Gorman-Rupp manufacturers over 600 models of pumps to meet every requirement. Lightweight, self-priming, centrifugal pumps, heavy duty dewatering pumps, extra heavy duty trash pumps and a complete line of submersibles including submersible trash pumps.

The one source for a complete line of Gorman-Rupp pumps

DEPENDABILITY WHEN IT COUNTS

EECO, INC.

4021 N. 6th St., Harrisburg, PA 17110
717-238-9423 Fax 717-238-7635
Licensed Engineering Service Since 1944

Best Buys in Used Equipment

TRACTORS

AC D17
AC 220
AC 190XT
White 2-135
* IH 340 w/Loader
* IH 886
* IH 806
IH 4366
IH 484
IH 684
IH 574 w/Loader
IH 986
IH 966
* JD 8650
JD 4840
JD 4650 MFD
JD 2150 MFD
JD 4440
JD 7020
MF 20, Gas
Case IH 9130
Case 1835C Skid Steer
Case 2590
ST Panther II
ST 220
ST PT225
Farmall F20

DISCS

JD 230, 21'
* JD 230, 20'
* MF 820, 30'
Ford 230 16'
BH 24'
IH 490, 22'
IH 37, 10'
* IH 496, 22'
* IH 370, 12'
* KR 2440
KR 1966, 31'
KR 2416, 26'
KR 1577 18'
KR 1425, 20'
SF 20'
SF 29'
SF 24'
TW 15'

TILLAGE

(2) KR 3127 Landsman
IH 710 Plow, 7x16
Case IH 720, 6x16 Auto. Reset
ST 15' Chisel Plow
AC 7x16 On Land Plow
* AC Field Cultivator
* Chatanooga 12' Gultimulcher
WR 32' Field Cultivator
Athens 15' Chisel Plow
White 20' Field Cultivator
MK 37' Field Cultivator
MK 6R Cultivator
* JD 1600 Chisel Plow
JD 2350-2450 8x18 Plow
BR 12R Cultivator
* BR 16' Field Cultivator
BR 25' Cultimulcher
BR 19' S Packer
BR 12' Packer
WR 10x18 Plow

MISCELLANEOUS

Haybuster Tandem No-Till Drill 24'
Krause 5215 No Till Drill 15'
FD F-600 Dump Truck
JD 737 15' Mower
JD 7000 Planter, 8 Row
JD 66 Blower
NH 717 Forage Harvester
NH 791 Manure Spreader
Case IH 900 Planter 6RN
* IH 10 Drill, 18x7
IH 510 Drill 18x7
IH 50 Shredder

HAY EQUIPMENT

IH 46 Baler
IH 440 Baler
IH 47 Baler w/Thrower
* NH 65 Baler
NH 90 Bale Stacker
NH 488 Mower Conditioner

COMBINES

(2) Case IH 1680
IH 1460
IH 715
IH 915
* IH 1440
(2) JD 8820 4WD
JD 7720 4WD
MF 760
MF 510
(2) MF 750

Large Selection Of Cornheads And Platforms Available
* Just Traded

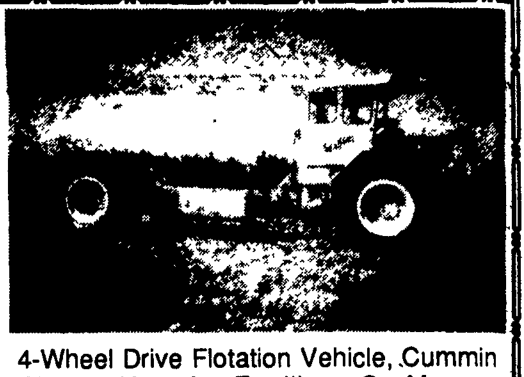
HOOBER
HOOBER EQUIPMENT INC
MIDDLETOWN, DE
(302) 378-9555 1-800-341-4028

case IH

For Sale
1978 Massey Ferguson 1155

Duals, Front End Weights, New Air Research Turbo, Complete P.T.O. Rebuilt, Full Hydraulic, Excellent Condition, 2500 Orig. Hrs. - $10,000 Or Best Offer

717-524-2580



4-Wheel Drive Flotation Vehicle, Cummin Diesel, Use As Fertilizer Or Manure Spreader. Make Offer.

301-928-3009

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2 Rental
Return Kubota's
At
ROCK BOTTOM
PRICES!

- R400 Articulating Loader
  350 Hours — List $42,000
  SALE $26,500
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IH 1456 w/cab	$8,500
IH 1466	$6,500
IH 1086, cab & air	$9,900
IH 1066 Black stripe cab & air, ex. cond.	$10,500
IH 1066 w/rollbar	$9,800
IH 966, 2800 Hrs., new TA, clutch, rubber and paint	$10,500
IH 1086, '81 Model, 2500 hrs., cab & air, full set of weights, new 20.8x38 tires, showroom cond.	$17,900
IH 656 hydro, hydro just rebuilt, new rubber	$5,900
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IH 5088 Cab & Air, 3000 Hrs., w/Duals	$24,900
IH 1486, cab and air, new TA & clutch, 2700 hours, full set of weights	$15,900
JD 4010 w/cab	$7,200
IH 1086 Cab & air, showroom cond.	$15,900
IH 2350 loader w/round bale forks, grapple	$3,500

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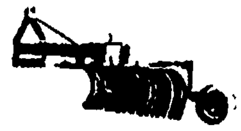

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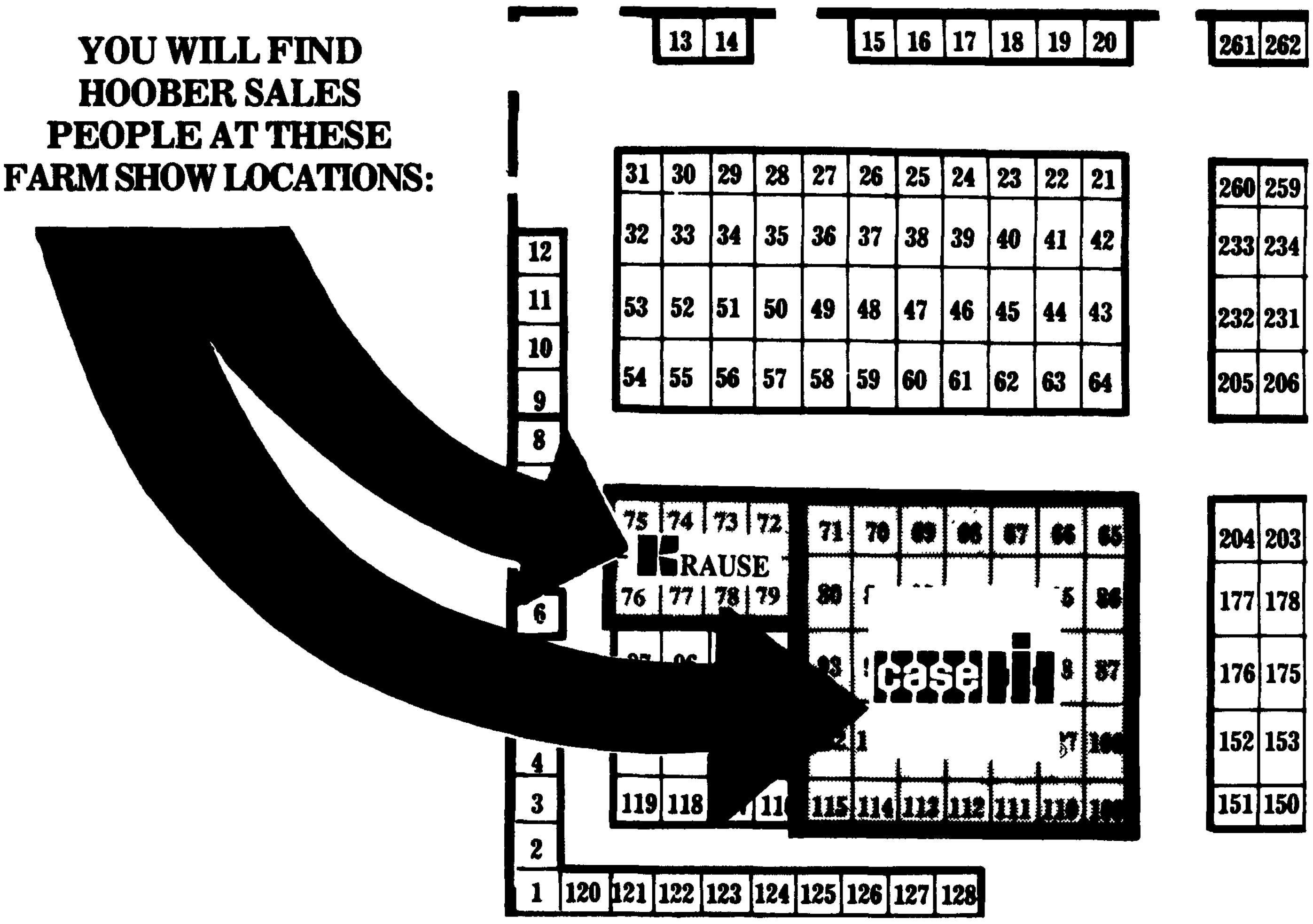
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- Ford 6600 w/Dual Power
- Ford 555B 4WD, Loader Hoe
- Ford 5000 Gas SOS
- Ford 515 Dsl., Loader, Backhoe
- Ford 3600 Dsl., PS, w/Canopy
- Ford 3000 w/Blade
- Ford 3000 Dsl., 8 Speed
- Ford 2110 2WD, PS, 800 Hrs.
- Ford 1720 4WD, PS, w/7108 Loader
- Ford 1520 4x4 w/Loader
- Ford 1510 4WD w/Loader
- Ford 1320 2WD, PS, 75 Hrs.
- Ford 1310 4x4 w/Loader
- Ford 1110 Hydro w/48" Mower
- Ford 335 D w/Loader
- MF 135 Gas, PS, LPTO, 8 Spd.
- JD 40 3PT
- JD 1020 Gas
- AC 5020 Turf Tires
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- Farmall Cub w/Mower
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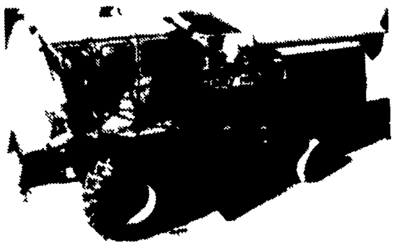
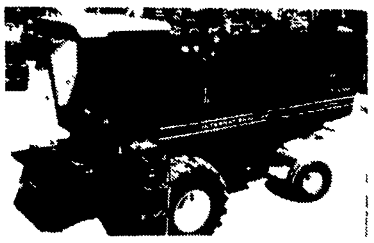
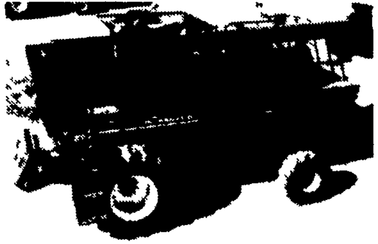


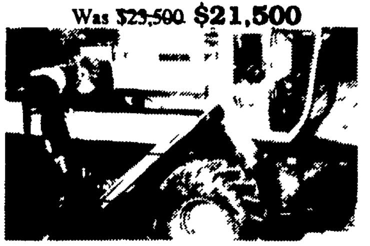
MF 850, 3200 Hrs., 23.1x30 Tires w/1163 Cornhead, 9115 Flex Platform (U5459) Was ~~$23,500~~ **$21,500**



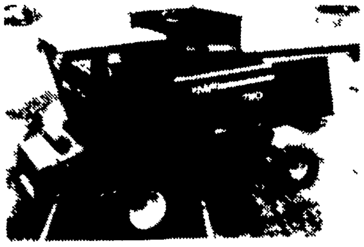
IH 1440 Combine, 2760 Hrs., 28Lx26 and 11.00x16 Tires, auto Header Control, AC/Heater (U4817) Was ~~$23,500~~ **$21,500**



IH 1460, 1979 Mode, Grain-Loss Monitor, 30.5x32 And 18.4x16.1 Tires (U4744) Was ~~$32,000~~ **$28,500**



Gleaner F2 Combine, Eng. Has 1503 Seperator Hr. 1041. #5634 4 RW Corn Head, #5635 13' Flex Platform Tag. (U5634) Was ~~$22,000~~ **$19,800**



MF 750 1978 Model, Very Clean, Excellent Condition (U5559) Was ~~$16,000~~ **$15,200**

IH 863 Cornhead 6 Rows x 30" (U4584) Was ~~$7,900~~ $5,500
IH 715 Combine Gas, Gear, Cab (U4078) Was ~~$4,500~~ $2,850
Case IH 1660 30.5Lx32, 18.4x16.1 Tires, Cab w/Air, Htr., CI Grain Scan, Feeder Reverser (U5568) Was ~~$65,000~~ $62,500
JD 216 Flex Platform (U4662) Was ~~$4,500~~ $2,555
IH 963 Cornhead, 6 Row (U5596) Was ~~$12,900~~ $12,400

AC Gleaner M Combine, Diesel, Turbo, w/438 Cornhead, 13' Header (U5702) Was ~~$15,500~~ $14,700
AC Gleaner FK Combine w/430 Cornhead, 13' Header, (U5672) Was ~~$8,800~~ $7,900
IH 1460 Combine 1983 Model, 3500 Hrs. (U5595) Was ~~$35,000~~ $32,900
IH 715 Combine Diesel, Gear, 18.4x26 Tires (U3080) Was ~~$7,500~~ $3,400
IH 915 Combine Hydro w/Straw Chopper (U4851) Was ~~$6,500~~ $5,500
IH 863 Cornhead (U2743) Was ~~$7,800~~ $5,900
IH 863 Cornhead (U4584) Was ~~$7,900~~ $5,500
IH 863 Cornhead (U4852) Was ~~$4,000~~ $3,450
IH 863 Cornhead (U5489) Was ~~$6,500~~ $4,950
IH 863 Cornhead (U5503) Was ~~$3,900~~ $3,500
IH 863 Cornhead (U5691) Was ~~$5,500~~ $5,200
IH 863 Cornhead (U5721) Was ~~$6,200~~ $5,500
IH 863 Cornhead (U5746) Was ~~$5,800~~ $5,295
IH 963 Cornhead (U4812) Was ~~$10,800~~ $9,800
IH 963 Cornhead (U5596) Was ~~$12,900~~ $12,400
JD 444 Cornhead (U5467) Was ~~$4,500~~ $3,950
JD 643 Cornhead (U4956) Was ~~$5,900~~ $4,750
JD 643 Cornhead (U5589) Was ~~$5,200~~ $4,600
CI 1063 Cornhead (U5615) Was ~~$13,500~~ $12,450
NI 1 Row Cornpicker (U5053) Was ~~$1,500~~ $1,050
NI 1 Row Cornpicker (U5735) Was ~~$2,400~~ $1,875
NI 2 Row Cornpicker w/314 Sheller (U5670) Was ~~$2,800~~ $2,375
CI 1010-15' Platform (U4710) Was ~~$3,900~~ $2,895
IH 820-22.5' Platform (U4631) Was ~~$4,950~~ $2,306
CI 1020-17' Platform (U4047) Was ~~$7,500~~ $5,900
IH 710-13' Platform (U1386) Was ~~$500~~ $125
IH 810-15' Platform (U2139) Was ~~$1,750~~ $750
IH 810-16.5' Platform (U1188) Was ~~$2,500~~ $675
IH 820-15' Platform (U4813) Was ~~$4,000~~ $3,350
IH 820-15' Platform (U5666) Was ~~$3,500~~ $3,200
IH 820-15' Platform (U5728) Was ~~$5,500~~ $4,800
IH 820-15' Platform (U5747) Was ~~$4,500~~ $4,200
IH 820-16.5' Platform (U4845) Was ~~$4,100~~ $2,675
IH 820-16.5' Platform (U5600) Was ~~$3,300~~ $2,765
IH 820-17.5' Platform (U2049) Was ~~$5,500~~ $2,500
IH 820-17.5' Platform (U2665) Was ~~$4,500~~ $1,750
IH 820-17.5' Platform (U4596) Was ~~$3,700~~ $2,250
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MF 20' Platform (U5560) Was ~~$5,500~~ $4,424
JD 216 Platform (U4662) Was ~~$4,500~~ $2,555

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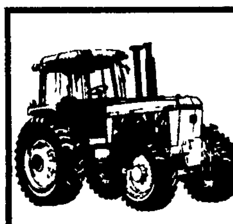

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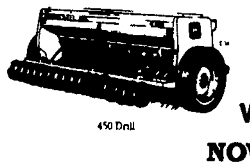

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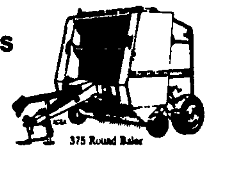

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JD 336 Baler w/30 ejector	$3,900
JD 24T baler w/30 ejector	$1,850
JD RWA 14 ft. Disk	$1,800
NH 315 baler w/70 thrower	$4,900
NH 489 mower conditioner	$3,950
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Ford 535 tractor w/loader & sickle mower	$7,500
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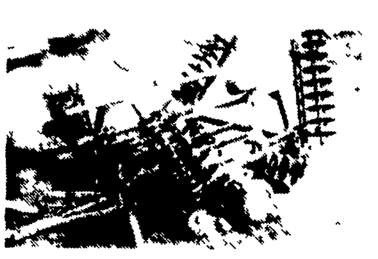
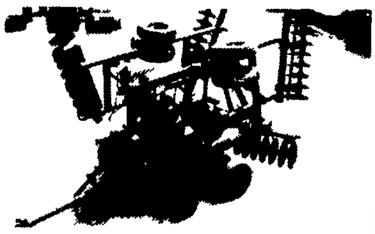
White Model 281 Disc, 10' Offset Blades FT, Blades Rear, New (T5551) Was ~~$4,500~~ **$4,200**

Brillion 25' Packer w/Crowfoot Wheels, Has Cyl & Hose (T5142) Was ~~$3,900~~ **$2,965**



Krause 4924 Disc 19" Blades, Rockflex (T5460) Was ~~$9,800~~ **$9,200**



Rhino F90 Disc, 21' Cut Spacing 9" Ft 7½ RR, Blades 17½ Ft. 21" RR (T5271) Was ~~$4,500~~ **$3,250**

Ford Chisel Plow, 13 Shank, Manual Wing, Double Spring Shanks (T5573) Was ~~$1,750~~ $1,327

IH 720-5B Plow, Auto-Reset Coulters (T5648) Was ~~$3,800~~ $3,350

JD Packer 14', Gear Hitch, Smooth Packer Wheels (T5587) Was ~~$1,500~~ $1,350

Krause 2416 Disc, Rockflex, Regreasable Bearings, Heavy C-Arms (T5538) Was ~~$18,500~~ $17,500
Oliver 253 Disc 13'6", 9" Spacing (T4968) Was ~~$1,450~~ $1,075
IH 710 Plow, 6-16" Coulters, Spring Trip Bottoms (T3699) Was ~~$2,500~~ $1,350
Tebbir Subsoiler 9 Shank, Leaf Spring Trip (T4947) Was ~~$2,450~~ $1,885
JD 235 Folding Disc (T4978) Was ~~$3,975~~ $3,500
IH 18' Field Cultivator w/2 Row Tine Harrow (T5046) Was ~~$2,200~~ $1,650
IH 370 Disc, 10' Cut w/17" Blades (T5052)
Krause 2413 22' Disc, As Is (T5107) Was ~~$6,800~~ $5,900
IH 475 Disc, 12' (T5114) Was ~~$2,000~~ $1,585
Brillion 22' Field Cultivator, Hyd. Fold (T5193) Was ~~$3,800~~ $2,900
IH 700 Plow, Semi-Mt. 5x16", Furrow, Cylinder (T4243) Was ~~$975~~ $775
10' Cultimulcher (T2929) Was ~~$1,500~~ $850
Brillion WP108 Packer, 23' Wing-Fold, 18" Wheels, Transport (T4425) Was ~~$4,500~~ $3,375
10' Peg Tooth Harrow With Transport (T4367) Was ~~$600~~ $385
Brillion Packer, 25', X-Fold (T5408) Was ~~$5,500~~ $5,150
Kewanee 22' Field Cultivator, Flat Fold, 3 Row Tine (T5167) Was ~~$3,900~~ $2,950
Krause 2440 Disc, 26' Cut, Rockflex, 10" Spacing (T5127) Was ~~$16,900~~ $15,650
Krause 1425 Disc, 25', 8" Spacing (T4973) Was ~~$6,800~~ $5,900
Miller 10' Disc, Offset, Regreasable (T5542) Was ~~$3,875~~ $3,350
Krause 3 Row Mulcher (T5363) Was ~~$1,150~~ $828
Krause 3 Row Mulcher (T5598) Was ~~$500~~ $361

USED PLANTERS & DRILLS

JD 7000 Planter, 6 Row, 30" Conservation Disc, Seed Monitor (V5200)

IH 5100 Drill, 18x7 Double Disc, Grass Seed Attach (V5621) Was ~~$4,200~~ $3,690
IH 510 Drill Single Disc, Grass Seed Attach (V5613) Was ~~$1,500~~ $1,170
Lilliston 9680 Drill, 18x7 No Till, Grass Seeder, Hyd Cylinder (V5549) Was ~~$8,950~~ $8,500
IH 510 Drill Single Disc w/Grass Seeder (V5550) Was ~~$2,100~~ $1,775
Krause 5213 Drill, No-till, Rear Wheel Attach, 10.00x15 Tires (V5492) Was ~~$8,900~~ $8,500
Case 17x7 Drill Single Disc, Cheap Drill (V4529) Was ~~$275~~ $155
IH 5100 Drill 21x7 Combination (V4955) Was ~~$3,900~~ $2,995
Great Plains 12' Drill (V5376) Was ~~$7,900~~ $6,275

JD FBB 18x7 Drill, Double Disc SOLD ed, Press Whls (V4382) Was ~~$1,400~~ $795
IH 5100 21x7 Drill, Double Disc, Grass Seed, Excellent (V4567) Was ~~$3,800~~ $3,125
GP 12' NT Drill, 7.5" Spacing, No-Till Hitch, Mid Drill (V4607) Was ~~$9,800~~ $7,675
KR 5210 10' Drill, No-Till, 7" Spacing, Excellent Cond (V4545) Was ~~$9,500~~ $8,300
WH 5400 Air Planter, 6x30", No-Till, Insecticide, Good Shape (V3676) Was ~~$2,300~~ $975
IH 386 Planter, Planter Toolbar, 6x38", Good Toolbar (V9299)
JD 7000 Planter, 8 Row, Folding w/Markers (V4975) Was ~~$6,900~~ $5,685
JD 7000 Planter, 8 Row, Folding w/Markers (V4976) Was ~~$6,900~~ $5,875
IH 800 Planter, 6 Row Narrow (V5035) Was ~~$8,500~~ $6,355
JD 2 Row Planter, Pull-Type, Row Markers (V5594) Was ~~$950~~ $850

USED MISCELLANEOUS

Model 1310 Rhino Mower 13' 1000 RPM/PTO, Cyl. (U4740) Was ~~$5,395~~ **$3,830**

NH Model 315 Baler w/Bale Chute (U5178) Was ~~$3,500~~ $2,396

Great Plains Drill Hitch, Pull Type (V4330) Was ~~$1,200~~ $650

IH 440 Baler (U5269) Was ~~$1,150~~ $809

IH 3204 Disc Mower, 5' Cut, 540 PTO (U4544) Was ~~$2,375~~ $1,754

Woods C114 Mower, Dual Blades, Hyd. Transport (U5336) Was ~~$1,700~~ $1,275

JD 347 Baler Model 40 Thrower, 540 PT SOLD 367) Was ~~$7,950~~ $6,864

IH 47 Baler, 540 PTO, #10 Thrower, Runs (U4491)

Fox 656 Blower, 56" Fan, 540 PTO, Fair (U4281) Was ~~$975~~ $806

Westgo Rockpicker, Hyd. Reel & Dump (U5067) Was ~~$4,800~~ $3,980

Vermeer 504C Baler, Round (U5705) Was ~~$2,975~~ $2,750

Snowblade, Pickup Truck, 8' (V5204) Was ~~$75~~ $49

Snowblade, Pickup Truck, 9' (V5205) Was ~~$75~~ $49

Duals, 18.4x38 (W5284) Was ~~$1,350~~ $1,175

Duals, 20.8x38 (W5308) Was ~~$1,000~~ $800

Duals, 18.4x42 (W4609) Was ~~$2,200~~ $1,975

IH Carrier,7 2 Pt. Hitch (V5213) Was ~~$150~~ $99

Yetter 900 6 R SOLD Fertilizer Attachment (V4 Was ~~$700~~ $600

Balzer 8 Wheel Gear (V5173) Was ~~$800~~ $500

Hydr. Cart (U5593) Was ~~$1,000~~ $905

JD 1508 Mower, 1000 PTO 15', (U5715) Was ~~$6,300~~ $5,765

Woods L306 Mower (U5253) Was ~~$450~~ $250

Hesston 1090 Mower Conditioner (U5753) Was ~~$2,650~~ $1,975

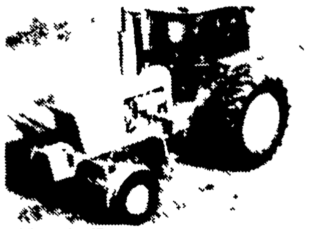
USED SPRAYERS

Century 500G Sprayer, 35' Boom, PTO Pump, Plastic Tips (V3361) Was ~~$2,850~~ $1,725
JD 300G Sprayer, 30' Boom, Blue Grnd Drive Pump, PTO Agitator Pump (V4123) Was ~~$3,000~~ $1,575

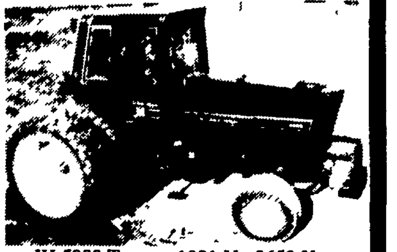
USED TRACTORS & UNILOADERS

IH Model 1086 Diesel, 20.8x38, 3600 Hr. Gear And TA (W3500) Was ~~$15,800~~ **$11,900**

Steiger ST300 Tractor, 300 HP Cat. 3900 Hr., 20.8x34 Tires (W5087) Was ~~$27,900~~ **$24,725**



JD 4630 Tractor, 1977 Yr. 6581 Hrs., 1000 PTO, 20.8x38 Tires (W5449) Was ~~$23,900~~ **$21,600**



IH 5088 Tractor, 1981 Yr. 2653 Hrs., 6 Cyl. Diesel, 3 Rear Remotes, 18.4-38 Tires, Duals (5649) Was ~~$28,700~~ **$26,500**

Steiger ST210 Tractor, 210 HP Cat, Yr. 1976, 1389 Hr., 18.4x34 Tires (W5102) Was ~~$23,900~~ **$21,000**

IH 884 Tractor Yr. 1981 2437 Hr., 4 Cyl Diesel, 3 Pt. Hitch 540/1000 PTO 14.9x38 Tires (W4485) Was ~~$12,700~~ **$9,995**

JD 4430 Tractor, 1975 Yr., 6 Cyl. Diesel w/Turbo Power Shift, 20.8x38 Tires (W5535) Was ~~$16,900~~ **$16,350**

JD 2440, 2WD, 15.5x38 Rear Tires, JD #48 Loader w/60" Bucket (W5490) Was ~~$13,500~~ $12,200
AC 440, w/Cummins 555 Engine, Quick Hitch, 28Lx26 Tires (W5406) Was ~~$14,900~~ $13,500
IH 966 Diesel, 8784 Hrs., 18.4x38 Tires (W5109) Was ~~$9,950~~ $9,300
IH 1086, With Cab, Duals, 20.8x38 Tires, 540/1000 PTO (W5103) Was ~~$15,500~~ **Handyman Special $9,400**
AC C Tractor, 26 HP Gas, Gear, Tricycle, 540 PTO (W3275) Was ~~$950~~ $725
IH Farmall C, Gas, Belt Pulley, 11.2x36 Tires (W4547) Was ~~$1,090~~ $790
IH 706, Narrow Front, Gas, 18.4x34 Tires (W4312) Was ~~$4,800~~ $3,850
IH 5088, Turbo, 20.8x38 Tires, Cab (W4601) Was ~~$26,500~~ $23,750
IH F1066 Diesel, Gear, TA, 540/1000 PTO, 10.00x16 & 20.8x38 Tires, Cab (W4038) Was ~~$10,500~~ $9,875
IH 5088 Tractor, With Duals (W4940)
IH 3514 Tractor (W4936) Was ~~$8,575~~ $5,675
AC CA Tractor, w/6' Rear Mnt. Sickle Mower, 2 Bottom Plow (W5175) Was ~~$3,000~~ $1,995
IH 986, 18.4x38 Tires, 3 Remotes, 540/1000 PTO (W5089) Was ~~$14,900~~ $13,435
IH 966 Diesel, 18.4x38, 5787 Hrs, 2 Remotes (W4945) Was ~~$12,900~~ $10,965
IH 100 Hydro Tractor 10.00x16, 18.4Rx38 Tires (W5714) Was ~~$13,500~~ $12,500
IH F1206 Tractor, Gear, Fast Hitch (W5730) Was ~~$5,900~~ $5,600
IH 5288 Tractor, Dua SOLD 30) Was ~~$28,000~~ $26,750
IH 784 Tractor, 18.4x30, 9.5Lx15 Tires, Weights (W5732) Was ~~$10,400~~ $9,900
IH 806 Tractor Duals (W5731) Was ~~$7,200~~ $6,900
IH 884 Tractor, Diesel, Dual PTO, 7.50x18, 15.5x38 Tires (W5669) Was ~~$14,500~~ $13,800
IH M Tractor (W5734) Was ~~$1,350~~ $1,175
JD 4320 Tractor (W5553) Was ~~$9,800~~ $8,700
Oliver 1750 Tractor (W5564) Was ~~$4,975~~ $4,700

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NEW Equipment Inventory Clearance —

ALL SALE ITEMS Are PRICED ON WHITE TAGS

Most NEW SALE ITEMS are Priced at COST!!!

NEW! TRACTORS. LOADERS AND ATTACHMENTS NEW!

- **Case IH 485 Tractor,** No. A4780, 485 MFD, 45 HP Diesel, Forward/ Reverse Shuttle 14.9x28 Tires, 16.9 GPM Hydraulic Pump, 2250 Loader, COMBINATION IS SETUP TO DO YOUR LOADER WORK FOR YEARS.
- **Case IH 385MFD Tractor,** No. A4577 385 MFD, 38 [illegible] Forward/ Reverse [illegible] Tires, 2250 Loader, [illegible] DER OR SCRAPE [illegible] TOR. Compare this PRICE to any MAKE.

SOLD

- **Case IH 2250 Loader,** No. B4157 Replace Your OLD Loader at FANTASTIC Prices. IF YOU OWN A 2250 LOADER AND IT'S WORN OUT - Call for a ONE-TIME only PRICE. (Price w/NEW 84" Bkt. & NO Valve)
- **Case IH 2255 Loader,** No. B4765 Need a Loader for an 85 Series Tractor? WE'RE OVERSTOCKED! YOU BENEFIT! Price w/84" HD Bucket & Loader Control Valve.

NEW! DISCS AND TILLAGE MACHINES NEW!

- **Case IH 450 Plow**, No. C5689 3 Bottom, 16", Mounted, Steel Trash Plates, Coulters, AUTOMATIC RESET FOR YOUR ROCKY FIELDS.
- **Case IH 720 Plow** No. C5074 4 Bottom, [illegible] Steel Trash Plates, C [illegible] itch. AUTOMA [illegible] YOUR ROCKY FIELDS. Call for Price.

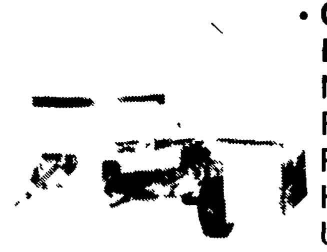
SOLD

- **Case IH 496, 18'7" Disc Harrow**, No. C5501 Flex-Wing, Cushion Gang, 22"x6 GA Blades, 7.5" Spacing, Furrow Filler, EXCELLENT DISC FOR LIGHT SANDY SOIL.
- **Case-IH** [illegible] No. C3005 11, 32" S [illegible] ounted, Gauge W [illegible] y Frame.

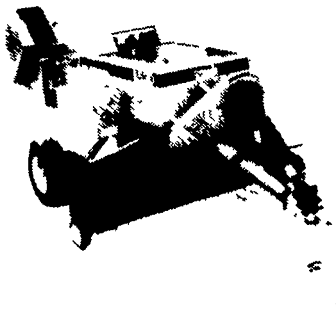
SOLD

- **Case IH 144/265 Cultivator** No. B4329 Fits 265 Tractor, 416 Tooling.
- **Case-IH 183-6 Row Cultivator** No. D5500 6 Row Mounted, 30" Rows, Vibra-Tine Tooling. SPECIAL WINTER PRICE - **$2,434**

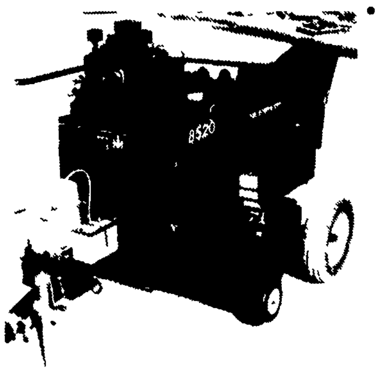
NEW! HAY, FORAGE AND MOWING NEW!



- **Case IH 8610 Bale Processor**, No. F5382 Round Bale Processor, Handles Bales Up To 6.5' in diameter.
- **Case IH 8580 Baler**, No. F4779 BIG BALER Makes up to 2,000 lb. Bales, Hydraulic Bale Density Control, INDUSTRY STANDARD BIG BALER. Finance Waiver - 5/1/91.
- **Case IH 8530 Baler** No. F3705. Low-Profile Centerline Design, 89" Wide Pickup w/84 Teeth Model 8511 Hyd. Drive Thrower, Makes 14"x18" Bale - 52" Long. DEMO: Priced Below COST!!



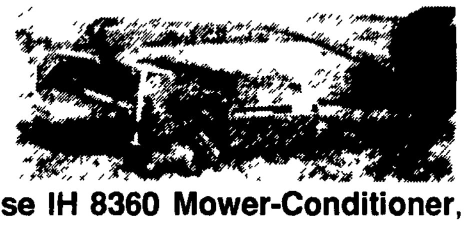
- **Case IH 8330 Mower Cond.**, No. F3817 9'3" Cut, 9'2" Inter-meshing TICOR Rolls, Stub on Stub Guards Cut Like a Disc Mower. DEMO!! MUST GO THIS MONTH!!



- **Case IH 8520 Baler** No. F5654 AMISH BA [illegible] Kohler [illegible] Ch [illegible] agon H [illegible] ve Start You In The Field CALL FOR WINTER CASH PRICE.

SOLD

- **Case IH 8830 Windrower**, No. F4815 75 HP CASE Diesel, 12' Hay Header w/110" Intermeshed Conditioner Rolls, A/C Cab, Hi-Float Tires. WINTER SPECIAL PRICE. Finance Waiver - 5/1/91.



- **Case IH 8360 Mower-Conditioner**, No. F4318 12' Center-Pivot, 10' Intermesh TICOR Rolls, Stub On Stub Guards, Hydraulic Drive. SPECIAL WINTER PRICE!!

PLANTERS, SPREADERS AND DRILLS

NEW! NEW!

- **Case IH 900-4RN Planter,** No. E2296, 4 Row, 38" Insecticide, NO Fertilizer, SPECIAL PRICE ON THIS STRIPPED DOWN PLANTER. FINANCE WAIVER - 5/1/91.
- **Case IH 900-4RN Planter**, No. E3957 4 Row, 30", Dry Fertilizer, Insecticide, Seedflow Monitor, 1000 RPM PTO. WINTER SPECIAL. HOOBER SERVICE AT THIS PRICE??? FINANCE WAIVER - 5/1/91
- **Case IH 900-8RN Planter,** No. E4970 8,30' Rows, Folding Hitch, Transports at 12', Liquid Fert., Insecticide, Early Riser Monitor, TRY AN AN 8 ROW SYSTEM.
- **Case IH 550 Spreader,** No. H2221 250 Bushel, Upper Beater, Hyd. Endgate, Used 20" Truck Tires, THIS UNIT MUST GO!!! Price - **$4,450**

- **Case IH 5100-24x6 Drill** No. E4776 24 DD Openers, 6" Spacing, Depth Press Wheels, Soybean Special. SEED SMALL GRAIN OR SOYBEANS. Special Cash Price
- **Case IH 5100-20x6 Drill** No. E4773 20 DD Openers, 6" Spacing, Depth Press Wheels, Soybean Special, Grass Seed. SEED SMALL GRAIN OR SOYBEANS.

NEW! MISCELLANEOUS NEW!

- **Case IH 80 Snow Blower**, No. H4867 80 Snowblower, 3 Pt. Hitch, Hydraulic Chute Control. BLOW YOUR SNOW AWAY WITH THIS HEAVY DUTY MACHINE. Preseason Price - **$2,280**

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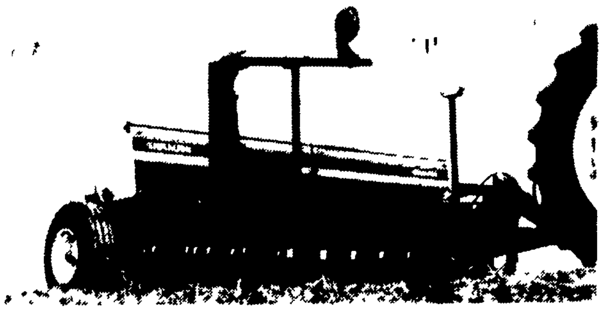
NEW Equipment Inventory Clearance —
ALL SALE ITEMS Are PRICED ON WHITE TAGS
Most NEW SALE ITEMS are Priced at COST!!!

NEW! TRACTORS, LOADERS AND ATTACHMENTS NEW!

- **Koyker Kb Loader,** No. R2023, Heavy Duty Loader Fits FARMALL Tractors - 66, 86, 50 Series, EXCELLENT LIFT & BREAKOUT. 8' Heavy Duty Bucket. Haul Away For **$3,954.**

NEW! PLANTERS, SPREADERS AND DRILLS NEW!

- **Brillion SSLP642 Grass Seeder** No. R4911 42" 3 Point Hitch Grass Seeder, ACCURATELY SEEDS ALL GRASSES.
- **Krause 5210N Drill** No. N4369 10' NO-TIL Drill, Double Disc Openers, Rear Transport Wheels, GOES IN THE GROUND WHEN OTHERS WON'T. Winter Special Price - **$12,380.**
- **Krause 5213N Drill** No. N4391 13' NO-TIL Drill, Double Disc Openers, Rear Transport Wheels, GOES IN THE GROUND WHEN OTHERS WON'T.



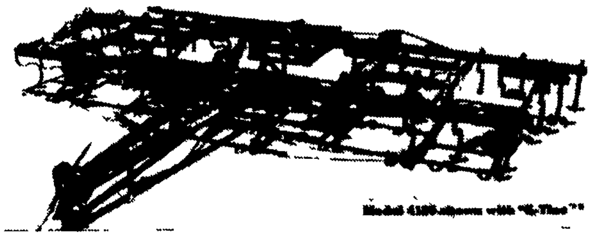
- **Krause 5213N Drill-R**, No. N4392, 13' NO-TIL Drill, Double Disc Openers, Rear Transport Wheels, GOES IN THE GROUND WHEN OTHERS WON'T. Demo Model Used 1200A. Winter Special Price - **$11,495**
- **Great Plains 7' No Till Drill** No. R5249, Trailing 7' End-Wheel, NO-TIL, Double Disc Openers, 2x13 Depth Press Wheels, Gear Driven Seed Cups. DEMO/RENTAL UNIT (1) ONLY. Call For Price.

NEW! HAY, FORAGE AND MOWING NEW!

- **Rhino SR15 Mower,** No. S4478 15 Flex-wing Rotary Cutter, 540 RPM PTO, Heavy Duty Gear Boxes & Drive-lines, Puncture Proof Tires. MOW PASTURE, BRUSH OR STALKS WITH THIS MOWER. Winter Sale Price - **$8,984**
- **Rhino SE15 Mower** No. S5404 15' Flex-Wing Rotary Cutter, Chain Guards Front & Rear, Puncture Proof Tires. THIS IS THE MOWER FOR PASTURES.. Winter Special Price - **$7,975.**
- **Schulte 1500 Mower** No. R5251 15' Heavy Duty Rotary Cutter, Handles Brush Better, Cuts Stalks. BUILT TO CUT WHAT YOU NEED TO CUT. Priced to sell.
- **Rhino SR120 Mower** No. S4112 10' Rotary Cutter, 540 RPM PTO, Heavy Duty Gear Boxes & Drive Lines, 3 Point Hitch Mounted. THIS MOWER HAS TO GO IN DEC. PRICE - **$3,654.** CASH & CARRY.
- **Farmco 18' Bale Wagon** No. S5239 18' Long, 8' Wide, Steel Sides, 8 Ton Running Gear w/NEW 9.5Lx15 Tires, (2) ONLY. SPECIAL PRICE - **$1,825**

NEW! DISCS AND TILLAGE MACHINES NEW!

- **Schulte RS320 Rockpicker** No. R5541 Heavy Duty Rockpicker, Handles a Tough Job Like a Piece of Cake. NOTHING ELSE MATCHES THIS ROCKPICKER. Call for Price.

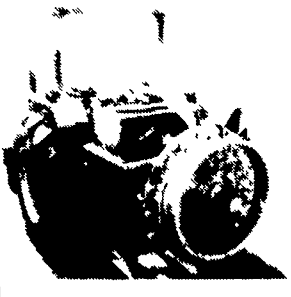


- **Krause 4120 Field Cultivator** No. P4534 23' Field Cultivator, 46 Heavy Duty Edge-On-K-Tines, 9" Sweeps, 3 Bar Spike Harrow Finisher. HANDLES TRASH AND ROUGH FIELDS BETTER THAN THEIRS.

- **Krause 4921A Disk** No. P4023 18' Flex-Wing, Rockflex Disc, 22"x½ " - Front, 22"x6GA-Rear, Cuts & Finishes Without Compare. WINTER SPECIAL PRICE - **$12,714**
- **Brillion 23' Packer** No. R4524 23' Flex-Wing Packer, 9.5Lx15 Tires-(4), 20" Packer Wheels
- **DMI Tiger II-5 Subsoiler,** No. R4514 5 Shank Subsoiler, Auto Reset, Unique Tiger Points Break Up Hardpan. DEMO/RENTAL UNIT. One Only! PRICE - **$9,867.**

NEW! SPRAYERS AND SPRAYER ATTACHMENTS NEW!

- **FMC DP100-32 Sprayer** No. Q4651 100 Gal. Airblast, 12GPM Pump, 3 Point Hitch. SPRAY ORCHARDS, VEGETABLES, OR SWEET CORN. Winter Special Price - **$3,229**



- **Hoober Saddletanks** No. Q3427 Fits 2-Wheel Drive MAGNUM. 210 Gallon V-Shaped Tanks. PRICED TO SELL - **$2,680**
- **FMC DP103PT-5 Sprayer** No. Q3872 50 Gallon, 3 Point Hitch, 10GPM Pump, EXCELLENT LAWN OR SPOT SPRAYER, Price - **$1,125**
- **FMC D060PO600 Sprayer** No. Q4008, 600 Gallon, PTO, 60 GPM, 11x38 Hi-Float Tires, Drawbar, 84' Hydraulic Folding, Self-Level Boom. VEGETABLE SPECIAL. Clearance Price - **$16,777**

NEW! MISCELLANEOUS NEW!

- **Kawasaki Mule** No. R4742 4-Wheeler, 2 Wheel Drive, DEMO & LOT MACHINE. Special Winter Price - **$5,500**
- **Farm-Aid 430 Mixer Wagon** No. R5311 430 Bushel Paddle-Style Mixer Wagon, Easy Running, Low Maintenance Machine. Scales. YOU MUST TRY THIS MIXER TO BELIEVE ITS SIMPLICITY.

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LONG: 560, 510 4WD Diesel.
MASSEY: 204 T/L gas, 165 w/loader.
NH: 276 sq. baler w/thrower
OLIVER: 770
SAME: Saturno 80
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UNI: 702 diesel w/726 husking unit
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3000, gas, 8 spd., live PTO, PS, weights & remote, 3,200 hrs.
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NH 144 windrowSOLDrter, like new
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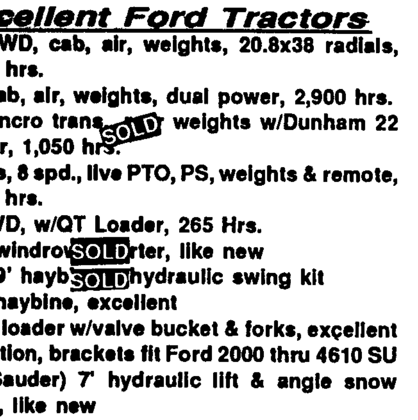

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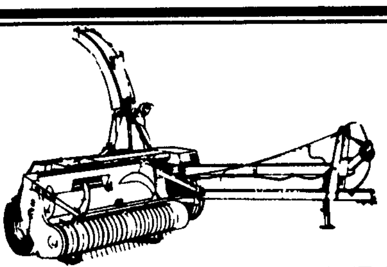

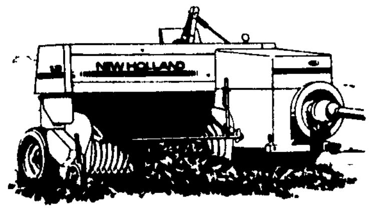

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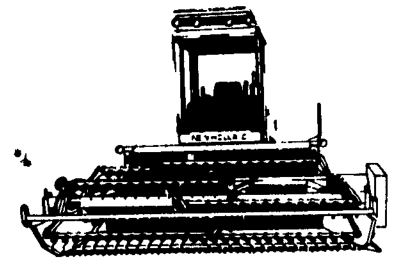
NH 256 S Rake	$ 3,397	$ 2,400
NH 256 R Rake	$ 3,633	$ 2,550
NH 258 R Rake	$ 4,213	$ 2,950

We have a large inventory for you to survey when purchasing your new equipment.



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IH 284, With 5' Mower
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IH 235 w/5' Mower
Yanmar 187 w/5' Mower
Cub w/5' Mower
Cub 154 Low Boy w/5' Mower
Mitshibsi 2500

USED EQUIPMENT

IH 475 disc, 12'
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NH 469 Mower Conditioner
NI 245 Spreader
NI 3626 Spreader
NI 362 Spreader
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- ★ **New Wider Heavy Duty Super Sprag 1-1/32" Wide**
- ★ **5 Yr. Warranty Against Sprag Failure**
- ★ **Introductory Price $695.00**

We are pleased to announce a major improvement in TA strength & performance backed up by a warranty that is unmatched in the industry The 5/8" width Dana sprag which we have used over the past 10 years has proven its ability to perform under the most adverse of conditions and has achieved results that have sent our competitors scrambling to keep up By increasing the width of the sprag to 1-1/32" and caging it in a heavier frame, we now have an unmatched shock load capacity and dramatically raised our load carrying ability Our studies have shown that 90% of TA problems are directly related to sprag failure We feel that we now have the strongest sprag & best rebuilt TA available and it will be warranted as follows:

*5 yr - 100% parts & labor against sprag
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Our standard heavy duty TA is still available at $645.00 and caries a *2 yr. - 100% parts & labor warranty.

* Certain restrictions apply and there will be a maximum labor pay-out of $450 00

We also have units & parts available to rebuild old style TA's, including ramp & carrier sets.

NEW price on ramps & carriers - $200.00

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IH 560, 966, 1468, 1566
IH 416, 460, 706, 806
IH 404, 986, 884, 826
IH 1066, IH 340, IH 986
IH 915 Combine
JD 6620 Sidehill

USED TRACTORS

JD 4955, 1989, fully equipped w/MFD, 650 hours, excellent condition $63,900
JD 4840 PS cab, air, new 18.4x42 tires $24,500
JD 4640 1981, PS, cab & air, duals and weights, 3700 hours, exc. cond. ~~$30,000~~ reduced
JD 7520 cab, air, 3 pt. PTO 18x38 tires, very nice condition
IH 1066 w/year round cab, 3600 hrs., good original condition
IH 1456, 3 pt. dual valves, dual PTO, good condition - Rebuilt TA
IH 856 new TA 3 pt. wide front 38" Tires, very nice
IH 786 diesel 3100 hours, good condition
IH 784 diesel 18x30 tires, 3000 hours
IH 584 diesel SOLD, good shape
IH 240 w/3 pt., very nice
Ford 7710 1982 model, cab & air, dual power, load monitor, good condition
Ford 4110 w/hyd. blade & turf tires
1987 Case, 1594 Row Crop Tractor, 12 sp., PS, ROPS, 12.4x42" Tires, Excellent Vegetable or Spraying Tractor
Cat model D4-N, w/pony motor and hyd., good condition, tracks 80%
JD model L, unSOLDrestored, very rare
IH Model 2355 loader, excellent condition w/66 series mounts
Westendorf model 42 loader IH mounts w/ self leveling, new
IH model 720, 5x18" toggle trip plow, used under 200 acres, $3,650
5th wheel type, 3 axle gooseneck trailer w/ ramps, 22' deck, good condition
Several cabs to fit IH tractors from $50-$500

Available
1989 JD 8970 PS, w/1400 Hours 20x42R and duals, 3 Pt. $87,500
1987 TW 35 Series II, Mechanical Front, Cab, air, duals, 1700 hrs.
1985 Case, 1594 MFWD, ROPS

Combines And Heads
MF 13' Grain Platform
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JD 444 corn head, lo tin, good shape

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LANCASTER
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At Route 30 & Fruitville Pike
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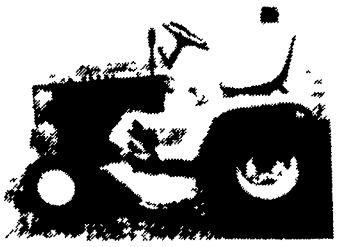
USED EQUIPMENT - Check For New Additions Weekly

• 21627 **Woods 1850 Ft. Mower** 18 HP, Twin Cyl., w/52" Mower & Grass Catcher, Good Condition
$3,475

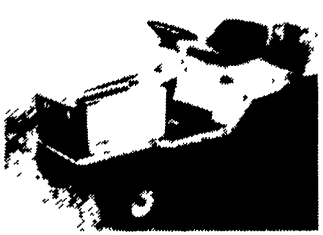
• 21681 **Kubota L-2850 DT-7 Tractor** 34 HP, Diesel, 4WD, Shuttle Shift w/Loader, Good Condition
$10,750

• 21590 **International 2424 Ind. Tractor** w/Loader, 3 Pt Gas, PTO, Shuttle Shift
$3,950

• 21371 **Ford NAA Tractor,** 30 HP, Painted, Good Rubber, Very Good Condition, 3 Pt. PTO
$3,490



• 21625 **John Deere 110 L&G Tractor** 8 HP Varidrive, Overhauled, 39" Mower, Very Nice
$695.00



• 21444 **Bolens ST-110 Yard Tractor** 11 HP, 42" Mower, Rear Wheel Wts., Very Nice
$1,250

• 21665 **Kubota BL-4530 B Backhoe** 7½ ' Digging Depth w/12" Bucket & PTO Pumps, Like New	$4,350
• 21682 **Kubota L-4530 Backhoe** 7½ ' Digging Depth, PTO Pump, 16" Bucket, Good Condition	$3,675
• 20151 **Sauder Blade** 7' Front Mount	$395
• 21178 **3 Pt. 7' Rear Blade** With Angle Adj	$195
• 21374 **Sauder Hydraulic Front Blade**	$275
• 21538 **Arps AB257 Blade** H.D., 3 Pt., 7'	$225
• 21594 **Homemade Front Blade** 75" M SOLD er Mount	$125
• 20997 **Ford 09GN3598 Blade** 48" Frt Mount, Fits Ford/Gilson Garden Tractors, Good Condition	$175
• 20991 **Ford Dozer Blade** 34" Frt. Mt., Fit SOLD cobsen Lawn Tractors, Looks Good	$95
• 20148 **Kubota G-2000 Frt. Blade** For SOLD s LGT	$175
• 20186 **Kubota F-3219 Broom** 60", 50/50 Steel & Poly Bristles, w/pwr. Angle Kit (Fits F-Series Kubotas), Good Condition	$1,450
• 21535 **Cole Cultivator & Planter** 1 Row, H.D., Nice Condition	$345
• 21050 **Kubota B-310 Cultivator,** 3 Pt. 1 Row, Used Very Little	$85
• 20619 **Brinly CC-500 Cultivator** 1 Row, Sleeve Hitch	$40
• 21584 **King Kutter 5' 3 Pt. Brush Cu** SOLD	$395
• 21280 **Kubota KH90 Excavator,** Tracks Rebuilt, 35 HP, Good Cond., 10' Digging Depth	$16,900
• 21180 **Worksaver 52" Fork Attachment** For 3 Pt. Or Loader (Very Good Condition)	$395
• 21136 **Kubota G-3008 Grass Catcher** To Fit 48" LGT Mower	$335
• 21372 **Sauder "D" Model Loader**	$295
• 21301 **Little Giant 3 Pt. Log Splitter** 24" Logs	$445
• 21305 **Kubota RC-4862 H Mower,** To Fit B-6200 HSD or B-7200 HSD Tractor, Good Cond.	$675
• 14199 **Kubota MR-6000 Mower** Will Fit B-6100, B-7100 Tractors, Hydro 5'	$390
• 21174 **Kubota RC-60-72H Mower** Mechanic's Special	$175
• 20195 **Bolens FMC D60-L Flail Mower** 5', 3 Pt. 1000 RPM PTO	$495
• 21483 **Kubota RC60-72H Mower** 60", Mid-Mount For B6200 HSD or B7200 HSD	$275
• 19011 **T-38 Mott Tow Type 38" Flail Mower** w/8 HP Engine	$595
• 21482 **Landpride AT2572 Mower** 6' 3Pt., Finish Mower, 4 Guage Wheels	$1,180
• 20500 **Kubota RC48-62H Mower** 48" Mid-Mower Fits B6200/B7200 HST Tractors, Good Condition	$750
• 20355 **Kubota MR-6000 Mower** 5' Shaftdriven, Mid Mount for B-6100/B-7100 HST Tractors	$145
• 20620 **Didier S-500 Sicklebar Mower** 46", Side Mount, Manual Lift, Fits Ford/Jacobsen Tractors, Good Condition	$100
• 20870 **Homemade Row Maker** 3 Pt., Cat. 0	$45
• 20990 **Ford Snowblower** 34", Frt. Mt., Fit SOLD obsen Lawn Tractors, Looks Good	$125
• 21300 **Kubota B-748-A Snowblower** Frt. Mounted To Fit B-6100 & B-7100	$245
• 21171 **Kubota L-220 Snowblower** 48", SOLD Painted	$345
• 19210 **Kubota 4 Snowblower** Heavy Duty B222-A, Fits B7100 2 Stage	$475
• 21576 **Kubota G2505 Snowblower** 48" Fits G-Series Tractors	$325
• 16222 **Kubota B-2510 Snowblower** (38", will Fit B-5100, B-4200)	$295
• 17840 **Kubota G-2500 L&G Snowblower** 38", Will Fit G-Series	$575
• 19065 **Mighty Mac 50 Gal. Sprayer** P550T	$575
• 21569 **Howard 38" Tiller,** 3 Pt., For Small Compact Tractors	$675
• 21673 **Kubota B-8706 6-12 Ag Tires** & Rims	$115
• 21674 **Kubota B-8755 9.5-16 Ag Tires** & Rims	$235
• 21406 **Kubota Pr. 6x12 Frt. Tires** & Wheels	$95
• 21407 **Kubota Pr. 8.3x16 Rear Tires** & Wheels	$200
• 21575 **Kubota G-5200 H L&G Tractor** 14 HP, Diesel, Hydro, 48" Mower, Nice Shape	$3,975
• 21671 **Allis Chalmers B-207 Lawn Tractor,** 7 HP, w/38" Mower, "Mechanic's Special"	$250
• 20847 **Allis Chalmers WD Tractor** 35 HP, Live 540 RPM PTO, Hydraulics, w/3 Bottom Plow, Works Good, A Collectors Item	$1,145
• 21582 **Ford Marshall Forklift Tractor** 28' Lift Ht., Gas, Overhauled, Runs Good	$5,950
• 21570 **Ford 3500 Diesel Ind. Tractor,** L SOLD Backhoe w/Extra Buckets, Torque Conv.	$6,875
• 20848 **Allis Chalmers WC Tractor** Mechanical Lift, w/Cultivators, Good Paint, Works Good, A Collector's Item	$990
• 20185 **Kubota F-2000 Tractor** 20 HP, 3 Cyl. Diesel, Approx. 500 Hrs., 4WD, PS w/RC60-F20 Front Mower, Great Cond.	$8,450
• 21424 **Ford YT-16 L&G Tractor** 16 Hp. 2 Cyl., 42" Mwr. (Nice Cond.)	$1,575
• 21687 **Kubota L-305 DT Tractor,** 30 HP, Diesel, 4 WD, PS, Draft, Live PTO, 300 Hrs, New Paint, Very Good Condition	$7,495
• 21664 **Kubota B-1550 HSD Tractor,** 17 HP Diesel, 4 WD, Hydro, 50 Hrs w/Loader, Like New	$10,500
• 21683 **Kubota T-1600 H Lawn Tractor,** 13 HP, Water Cooled Diesel, Hydro w/44" Mower, Very Nice	$3,675
• 21433 **Kubota B-6100 HSE Tractor** Hst. Trans. 48" Mid-Mower (Shaft Dr.)	$4,890
• 21410 **Kubota B-7200 HSD 4WD Tractor,** Hyst., 17 HP, Exc Cond., Diesel, 3 Pt.	$6,785
• 21381 **Ford 120 L&G Tractor** 12 HP, 42" Mower	$1,295
• 20708 **Ford 100 L&G Tractor** 10 HP, 42" Cut, Very Nice Condition	$675
• 20988 **Gilson Lawn Tractor** 11 HP, 38" Mower, Gear Drive	$465
• 21670 **Massey Ferguson 12G L&G Tractor,** 12 HP, Vari Drive, w/42" Frt Blade, "Mechanic's Special"	$195
• 21669 **Simplicity 5212.5 Lawn Tractor,** 12 HP, Hydro, 42" Mower & Vac Unit, Good Condition	$2,150
• 21686 **Snapper Hi-Vac Lawn Tractor,** 11 HP, Electric Start, 33" Mower, Grass Catcher	$595
• 21685 **Suzue 150 Tractor,** 15 HP Diesel, 4 WD, Cat-1, 540 PTO w/Loader, Nice Condition.	$3,875
• 21118 **Simplicity 7117 Tractor** 17 HP, Hyst. Trans., Elec Lift 48" Mower, Grass Catcher, Snow Blower, Cab, Nice Shape	$2,750
• 20979 **John Deere 214 Garden Tractor** 12 HP Variable Drive 46" Mower, Nice Condition	$1,990
• 21623 **International Farmall Cub Tractor** w/Finish Cut Mid-Mower, Runs Good	$1,500
• 21620 **Kubota B-7200 HDS Tractor** 17H SOLD Diesel, Hydro, Cat 1, 3 Pt., PTO, 183 Hrs., w/RC60- 72H Mid-Mower, A-1 Condition.	$7,550
• 21568 **Homemade 4½ 'x7' Trailer** Single Axle	$495
• 1016 **Lamco 2 Axle Trailer** w/Sides, Elec Brakes, w/Spare, 10,000 Lbs., Like New 16'	$2,700
• 21327 **Watson 1 Axle Trailer,** 68"x93" Tilt, Sides, S. Tire.	$395
• 18204 **Kubota G-3008 Vac System L&G** Fits G Series Tractors With 48" Mower	$335
• 21041 **Peco PEH-110 Vac Unit** 3 HP, Direct Mount w/Hitch & Chute For Kubota G Series.	$335
• 20211 **Kubota G-3008 Vac Unit** Fits G Series Tractors w/48" Mower	$335
• 21598 **Trac Vac 460 Vac Unit** 5 HP, Fits G Series Kubotas, Used Very Little	$495

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- NH 782 Harvester, 1000 RPM, Elec. Controls, Excellent
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- NH S676 Spreader
- Ford 525 Baler
- Badger Forage Box
- NH 310 Baler
- NH 316 Baler
- Butler 2800 Gal. Liquid Manure Tank w/Injectors
- IH 425 Baler w/ Thrower
- NH 30 Forage Blower
- NH 30' Elevator
- NH 477 Haybine
- NH 478 Haybine

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JAMESWAY

USED TRACTORS

Int. 650 Diesel	$2,150
Int 650LP	$2,150
JD 820	$3,250
JD R	$2,650
JD D	$1,650
(2) MM GB LP	$1,550 to $2,750
(4) MM UTS	$1,100 to $1,600
(2) MM G1350 Diesel	$6,500 to $7,500
MM G750 LP	$1,950
MM G706 LP	$2,950
MM G707 LP	$2,450
MH 55 Diesel	$2,150

Parts For All MM Tractors New & Used

EVERETT BROS.
614-922-3335

USED EQUIPMENT

TRACTORS

- Case SC Tractor
- Case 995
- Case 930 Tractor
- Case 430
- Case 1030
- Case 1370 w/Cab
- Case IH 7120
- IH 2500A Tractor
- David Brown 990 w/Loader
- David Brown 990
- Int. 544
- Int. 656 Gas
- Int. 826 Tractor
- Int. 1086 w/Cab
- Int. 1468 w/Cab
- Int. 656 Hydro
- Farmall 300 w/Loader
- Agri Power 8000
- Ford 4000 Tractor
- Ford 2000 w/Side Mounted Industrial Mower
- Ford 8N
- Hesston 60-66
- JD 4030
- JD "B"
- MF 285

HARVESTING EQUIPMENT

- Hesston 2000-150 Harvester
- Hesston 2000-100 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 744N 4-Row Head
- NI 768 3-Row Head
- NI 705 Uni-System
- NI 709 Uni-System
- NI 315 Sheller
- NI 727 Husking Bed
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Cornpicker
- NI 325 12 Row Husking Bed
- NH 790 Harvester, 2RN, 6 Ft. Pickup
- Int. 234 Picker
- Badger Forage Box

MISCELLANEOUS

- NH 36 ft. Elevator
- NH 40 Ft. Elevator
- King Wise 28' Elevator
- Gehl 99 Blower
- IH 56 Blower
- Int. 600 Blower
- NI Blower
- Automatic Roller Mill
- Scavenger 1674 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
- NH 353 Spreader
- HM 1674 Spreader
- 1257 Martin Spreader, Like New
- Gehl 350 Spreader
- Gehl 250 Spreader
- NI 243 Spreader
- JD 54 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- Ontario Drill
- Tye No-Til Drill
- JD FB-B 17 DD Drill
- JD 8300 Drill—Soybean Special!
- AC 6-Ft. Trailing Rotary Mower

LOADERS

- Case 450 Dozer
- Case 1530 Uni-Loader
- (3) Case 1835B Uni-Loaders, Diesel
- Case 1830
- Case 1845 Diesel
- Case 1845C Loader
- Case 580D Loader Backhoe- Like New!
- Case 1830 Uni-Loader
- Case 1835B Gas
- NH 445 Skid Loader

HAY EQUIPMENT

- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- NI 404 Rake
- Hesston 3700 Tedder/Rake
- (2) Hesston 1014 — Windrowers — 12' & 14'
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Case 650 Windrower
- IH 46 Baler
- JD 336 Baler
- NI 456 Round Baler
- IH 27 Baler, For Parts
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler

TILLAGE

- Int. 2-Bot. Trailer Plow
- Ford 5-Bottom Plow
- Int. 6500 11-Tooth Soil Saver
- Case IH 6500 9-Tooth Soil Saver
- Int. 720 4 Bottom, Nice
- Case Soil Saver — 7 Tooth
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- JD 210 Disk
- AC 16 Ft. Wing Disk
- Kawanee 10 Ft. Disk
- Oliver Disk
- Used Cultipacker

PLANTERS

- JD 1240 6-Row Planter
- IH 4-Row Corn Planter
- Brillion Seeder/Packer

NEW IDEA

case IH

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Excellent Used Equipment — Selling On Consignment — Call For Prices!

NI 802 Unisystem Tractor w/717 Uni Combine And More!
NI 900 4-Row Corn Planter
Farmall Super C Tractor w/ Cultivator
Hesston 4600T Baler w/4600BT Thrower
Case 1816C Skid Loader w/Bucket And Fork
NI 406 Hyd. Drive Hay Rake
Farmhand 817 Feed Grinder
Case 308 3-Bottom Plow
363 Manure Spreader Box w/ Single Beater
Woods Cadet "Bush Whacker" Mower
David Brown 990 Tractor
JD 8250 Grain Drill
Hesston PT10 Haybine
Case 970 Tractor
Case 2290 Tractor
NI 106 Spin Spreader
415 15-Ft. Packer Mulcher
Case IH 475 17½ Ft. Disc

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case IH

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USED TRACTORS

Ford TW15 1986 Series 2, 4 WD, Cab & Air, 900 Hrs., Like new
Ford TW15, 4WD, Cab, air, weights, fully equipped, 1350 hrs., excellent
Ford 9600, Dual Power, Dual Remotes, 20x38 Tires, Hydraulic Filter Update
Ford 7710, 2WD, Cab, Air, Dual Power, Syncro-Mesh, Deluxe Hyd. Package, 2400 Hrs., Excellent
Ford 7700, 1980 Model, Factory Cab w/ Heat, Dual Power, Dual Remotes, Front & Rear Weights, Nice Cond.
Ford 7600 Dsl., Front & Rear Weights, New 8 Ply Tires, Very Good Condition
Ford 7000 Dsl. all purpose, dual power, dual remotes, very nice
Ford 5000 Dsl. 1974 Model, flat deck, 2 remotes, excellent
Ford 4000 Dsl., 8 spd, flatdeck model w/new tires, nice cond.
JD 4020, 1971, side console, syn. range, w/factory cab w/heat, 2 remotes, Turbo, weights, original, nice
JD 4620 w/factory cab, power shift, 2 remotes, 20x38 radials, excellent
JD 4520 w/year-round cab, air, 3400 hrs., 2 remotes, very nice
JD 4050, Late Model, 2500 Hrs., 15 Spd., Power Shift, Excellent
JD 3010 dsl., NF, very nice
JD 2950 4WD cab & air, 2 remotes, hi-low, 38" tires, excel. cond.
JD 4020 Dsl., Power shift w/weighs and yr. round cab
JD 730 Dsl., NF, 3 pt., PS, weights, nice cond.
JD 730 Dsl., WF, 3 pt., flat top fenders, direct start, SOLD remotes, very good cond.
JD 630, NF, 3 pt., PS, all original
JD 620, PS, 3 pt., w/JD 237 mounted picker
White 2-135, 1979, 2WD, Cab & Air, 2 Remotes, 20.8x38 Tires, 2800 Hrs., Good Condition
White 2-135, 4WD, 1981 Model, Cab, Air, 2500 Hrs., Excellent
White 2-105, 2WD, 1979, 18x38 Tires, Fender Tractor, 2 Remotes, Over/Under, Very Good Cond.
White 2-105, 4WD, 1980 Model, Cab, Air, 20.8x38 Tires, 2100 Hrs., Very Nice
White 2-85, Fender Tractor, 18.4x34 Tires, 3 Remotes, Over/Under, Very Nice
White 2-105, 2WD, Rollbar & Canopy, Front Weights, 20.8x38 Tires, Very Nice
IH 1086, beautiful red interior, cab, air, dual remotes, 2500 hrs., excellent
IH 1066 red cab w/air 3400 hrs., dual remotes, nice cond.

USED PLANTERS AND DRILLS

Brillion SS 10 seeder w/transport wheels and acre meter, nice condition
JD 7000 4RN, reg. planter, w/dry fert., good condition
IH 510 16 disc grain drill w/seed & grass seed, like new

USED PLOWS AND CHISELS

IH 550 5x16 Re SOLD p Plow w/coulters and gauge wheel, excellent
Oliver 4x16 auto reset w/coulters
Oliver 4340 3x14 Trailer plow
Oliver 548 5x18 auto reset w/coulter, excel.
Oliver 253 12' Finishing Disc, w/tandem wheels, very nice
Oliver 548 5x18 Auto Reset w/Coulter, excel.
JD 1450 5x16 cushion trip, semi mount, hyd. hitch, coulters, gauge wheel
Glenco 9 tooth soil saver, good condition
Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
Bushhog 3 pt. chisel w/gauge wheels, 8, 10, 12 tooth
JD 100 pull type chisel, 8 or 10 tooth
Ford 101, 316 mounted plow
White 588 5 or 6x18 auto reset, w/coulters, excellent

USED DISCS AND HARROWS

Kewanee 13' rock flex heavy duty cutting disc, very good cond.
Dunham Lehr 14' Cultimulcher, w/dual inboard wheels
JD 1520 12' Plowing Disc, dual wheels & cyl. big blades, nice condition

USED FORAGE EQUIPMENT

Gehl CB1000 w/late model pu and corn head, electric controls, good cond.
Gehl CB700 w/2RN corn, 540 PTO, hyd. sharpener, good cond.
NH 1880 self-propelled, cat dsl, hydro, 3 RN corn and pickup
AC long hopper blower PTO driven, excellent
NH 892 w/3 row auger base and PU, elect. controls, good cond.
NH 770 w/2RN corn, P.U., HD 540, very nice
NH 890 w/2RN Corn and Pickup, elec. controls, excellent cond.

JD 5400 Self-Propelled 4 WD, Cab & Air, 3 RN Corn Head, 7' Hay Pickup Head, 2200 Hrs., Excellent

USED HAY EQUIPMENT

NH 258 Rake w/rubber teeth
NH 848 Round Baler, 2 yr. old, excellent
NH 316 Baler w/thrower, excel.
NH 479 Haybine, good condition
NH 499 12' hydro swing, excellent
NH 495 12' Haybine, excel.
NH 256 Rake, very nice
NH 847 round baler one owner, excellent
NH 489 Haybine w/stub guards,,very nice

USED HARVESTER HEADS

NH 890 2 RW Corn
JD 2RW w/clutch
Gehl HA 900 hay pickup
Gehl 3RN late model, good cond.
Gehl 2RN Head, excellent
Gehl TR30 38 late model 2R adj. cornhead
Gehl 6' open end pickup w/dolly wheels
JD 7' Hay pickup w/wheels
NH 1 row corn head, fits 717 or 770

MISCELLANEOUS

NH 679 Tandem Axle Spreader w/gate
MF 410 Combine 13' Hume reel, cab & air, extra nice
JD 18x38 axle mount duals
JD 244 2RW snapper head w/forage harvester adapter plate

USED SILAGE WAGONS

Papec Dion 3 beater w/roof and tandem
Lamco 2 beater, no roof
Lamco 2 beater, RH unload
JD 716A tandem, 3 beater w/roof

LOADERS

JD 48 Loader w/brackets, very nice
JD 148 Loader w/Extra Frame Work For Utility Style Tractors And Indep. Valve, Very Nice Condition

CORN PICKERS

JD 300 Husker w/2RN Or 2RW Head
NI 325, 2RN, 12 Roll Bed
NI 323, 1 Row
JD 620 Power Steering w/#237 Mtd. Picker

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Wisc.-Robin Continental, Kohler, Briggs & Stratton, Tecumseh, Honda

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GX140, 5 HP Elect.	$375
GX240, 8 HP	$401
GX240, 8 HP Elect.	$481
GX340, 11 HP	$482
GX340, 11 HP Elect.	$529

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USED TRACTORS

JD 4250 Tractor w/Powershift trans. & cab, 1766 hrs., 3 yrs. old .... **Coming In**
JD 4230 Tractor w/4 Post Roll Guard and Power Shift Trans. .... **Call For Price**
JD 4020, Power Shift Trans., NFE, Good Cond....... **Coming In**
JD 3020 Tractor, dsl., WFE, syncro range trans., good cond.. .... **Coming In**
JD 2755 Tractor, 1987 model, factory cab, 4 WD .... **Call For Price**
JD 2440 Tractor, w/JD 146 loader w/2 buckets.. **Call For Price**
MF 20 Industrial Gas Loader Tractor w/cab enclosure, 3 PH 540 PTO.............. ~~$5,250~~ **$4,650**

HAY AND FORAGE EQUIPMENT

Waiver of Finance 'til April 1st '91 Upon Approval

JD 5720 self-prop. forage harvester w/rotary screen, 4WD w/1554 hrs.............. **Coming In**
JD 5440 self-prop. forage harvester w/4WD approx. 1637 hrs.... .... **Call For Price**
(2) JD 3960 Harvester w/long tongue, 1000 RPM, Hydra. elect. controls.............. **Coming In**
JD 2RW Cornhead .... **Call For Price**
JD 1 row crop head.............. **$75**
JD 5½ ' Pickup Head.............. **$400**
JD 830 Self-Propelled Windrower w/12' Head. ~~$8,600~~ **$3,100**
JD 344 Snapper Head.............. ~~$1,600~~ **$1,300**
NH 316 Square Baler w/Ejector Type Thrower w/Electric Controls, 3 Yrs. Old, Excel. Cond.............. **Coming In**
NH 495 12' Mower Conditioner.............. **Call For Price**
IH 445 Square Baler w/#15 thrower (1984-85 Model)..... **$3,500**
JD 1209 Mower Cond. w/non-clog guards.......... **Call For Price**
NI 702D Unisystem w/overhauled engine, 767 chopper unit and 6' grass head and 2 RW corn head **$4,900**
(2) JD 3RN Row crop head excell cond. .... **Call For Price**
JD 216 wagon w/roof, 3rd beater, on JD 1275 tandem running gear.............. **$1,800**
Gehl 910 forage wagon, roof, 3rd beater on tandem running gear.............. **$1,500,**
JD 3970 Forage harvester w/metal detector and spout trac many extras.............. **Call For Price**

MISCELLANEOUS

OMC 330 Mustang Skid Steer Loader w/2 Buckets, w/Engine Completely Overhauled .... ~~$3,995~~ **$3,750**
JD 215 Disk Harrow w/push & gangs, 12' excel. cond.............. **Coming In**
JD 950 Roller Harrow, 12' excel. cond. .... **Coming In**
JD Manure Fork to fit 240, 245, 260 and 265 ldrs. .... **Call For Price**

PLANTER

Waiver Of Finance Til April 1, 1991 Upon Approval
JD FBB Grain Drill w/Fert. Attach, Grass Seed Attach w/15x7 DD Openers **$1,395**
JD FBB Grain Drill w/single disc, fert. attach. and grass seed attach **$1,195**
JD 7000 6R conserv. planter, dry fert., Coming in.............. **$7,250**
Littleston 10' No-til drill w/fert. and grass seed attachment, 3 years old .... **Call For Price**
Vermeer 1066, hay buster 12' no till drill .... **Was ~~$4,900~~ Now $4,200**

WENGERS FARM MACHINERY, INC.

LONG

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Myerstown, PA 17067

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SAT. 7:30-NOON

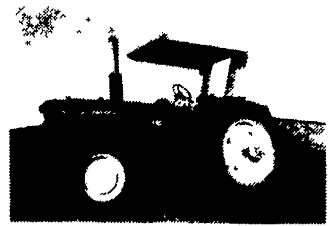
WOODS

Case 995, 4WD, Loader, 58 HP, Transmission Problem.
As Is $6,900

International 784, 4WD, 2250 Loader 16.9x34's- 90%, 12.4x24's- 90%, 65 HP.

John Deere 7200 Max Emerge 2 4 Row Cornplanter- Call For More Information.

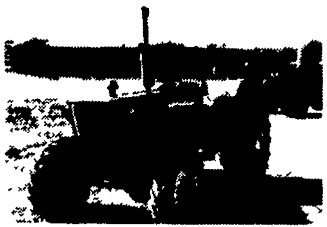
NEW! Long Nu-Way Swing Plow Available In 3, 4 & 5 Bottoms.

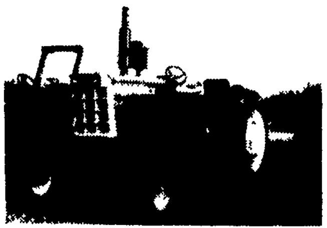

John Deere 4020 Gas, Side Console, Powershift, 2 Remotes, Front Wheel Assist, 18.4x38.

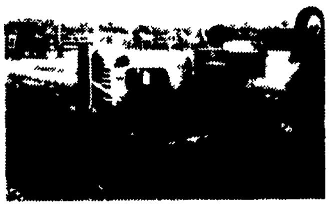
1985 John Deere 850 4WD w/75 Loader, 320 Hours, 22 HP, Very Nice.

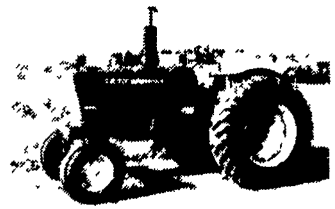
Case 1030, Cab, 18.4x38's Dual Remotes, Rear Wheel And Front Weights, 101 HP.

John Deere 3960 Harvester w/ Controls And 2 Row Narrow Cornhead.


Ford 3000 Diesel, 4WD, 3 Pt., PTO, 8 Speed.
$6,900


Oliver 1855, 1972, 3125 Hours, 18.4x38's, 70%, Dual Remotes, 98 HP.


Oliver OC-4 Crawler w/PTO Very Nice Condition.


Ford 7000, 8 Speed, 18.4x38's-90%, 83 HP.

Yanmar YM226D, 4WD, w/Loader, Power Shift, Nice Tractor.

Richardton 1200 Hi-Lift Dump Wagon.

Farmall 460 Diesel, Factory Wide Front, Fast Hitch, Rear Wheel Wts., 50 HP.

FARM TRACTORS

JOHN DEERE

4440 Cab, Air, Quad Range
4430 Cab, Quad Range
4430 Quad Range
1985- 850- 4WD w/#75 Loader
4520 Cab, 1000 PTO
2010- Gas-WF Row Crop $3,250
4020 Cab, Powershift
4020 Powershift, 4WD, Gas Console
2010 Gas, Utility w/Ldr..................$3,250

INTERNATIONAL

1980- 186 Hydro Cab, Air- Ldr. Avail.
784 4WD w/Loader
(2) 986, Cab, Air
84 Hydro, Loader Available
1256 With Duals
826, Cab, F.H., 2 Remotes
1980- 686 15.5x38's..........................$6900
140 With 5' Woods Belly Mower,
Good Condition..........................$4900
140 Hi Clear With Side Dressers,
Good Condition..........................$4900
140 Fast Hitch, Very Nice
Condition, 1X Plow & Snowblade
& Cult., Available.......................$4900
184 Cub Lo-Boy With
Loader And Woods L-59
Belly Mower...............................$4250
(2) Super A.......................................$3900
Cub Yellow & White With 1000
Loader...$3500
460 Diesel, WF.................................$3250
2424 w/Sickle Mower $2900
1066 Red Cab .... Coming In

LONG

New 2360, 4WD, 35 HP
New 2460, 4 WD w/Loader 42 HP
New 2510, 4WD, 48 HP
New 2610, 4WD, 64 HP
New 610, 4WD w/Loader, 64 HP
New 510, 4WD, 48 HP
New (2) 460, 4WD, 42 HP
New 360, 4WD w/Loader, 35 HP
New (2) 360, 2WD, 35 HP
New (4) 310, 4WD, 28 HP

OLIVER

1855, 18.4x38's...................................$6900
1950 w/GM Diesel, 18.4x34's, Rear
Wheel Weights $6500

OLIVER

1900 GM Diesel, 18.4x34's
Rear Wheel Weights $4500
1800 Gas, NF, 18.4x34's,
Front Weights............................$3900
OC-4 Crawler
MM Jet Star 3...................................$2400
MM 335 w/Snow Blade...................$1500
1855 w/Cab .... Coming In

ALLIS CHALMERS

220 Cab, Front Weights
185, 18.4x28's, 2 Remotes,
Front & Rear Weights $7900
190XT, 18.4x34's, 2
Remotes $4900
D-14..$1900
D-17 Gas WF w/Loader

FORD

1988- 5900 16.9x30's, 2 Remotes,
Under 100 Hrs., Like New
1985- 3910- 4WD, Low Hours
7000 Diesel, New Tires
3000 4WD, 13.6x28's, 7.5x20's,
3 Pt., PTO....................................$6900
2000, 4 Cyl., Gas, 12.4x28's, 3 Pt.,
PTO, 1400 Hrs., Very Clean $4900
4000 SU Diesel 8 Spd.

MASSEY FERGUSON

178 Diesel, 13.6x36's,
948 Hrs.......................................$7900
165 Gas, 16.9x28's,
Multipower, 2 Remotes.............$5500
1105 w/Cab
1155 w/Cab .... Coming In

CASE

1030-Cab..$6900
1030 Cab, 18.4x34's, Rear
Wheel Weights $5900

SKID STEER LOADERS

NH L555
John Deere 675B Low Hours

OTHER NAME BRANDS

Jacobsen F-10, 7 Gang Mower
Yanmar YM226D 4WD w/Loader,
Nice

VISIT US AT THE PENNA. FARM SHOW

January 6-11 Loc. Booth #'s 346-347, 356-357

After The Farm Show... Feel Free To See Us At Our New Tractor And Parts Facility On Route 501, So., Myerstown, Pa.

TILLAGE

MF 880 6X 18" Spring Reset On-Land
JD 1450- 6x18" Trip
JD 2500- 5x16" Spring Reset
JD 8450- 4x18" Rollover 3 Pt. Plow
IH 550- 5X- 14" Cushion Trip
IH 710- 5X- 16" Spring Reset
IH 720- 6X- 16" Spring Reset Detachable 6th Bottom
IH 720- 6X- 18" Spring Reset On Land Hitch-
JD 1450- 4X- 16" Cushion Trip
White 348 4x16 3 Pt. Plow
White 508 4x18" Spring Reset
White 508 5x16" Spring Reset
White 548 6x18" Spring Reset Detachable 6th Bottom
Oliver 508 3x16 Spring Reset
MF 880 6X- 18" Spring Reset
Ford 3X Rollover Plow
(3) JD 3X 3 Pt. Plows
JD 4x14- 3 Pt. Plow
Ford 3X Plow Auto Reset
MF- 3X 14- 3 Pt. Plow
IH 2X And 3X Trailer Plows
JD 3X Trailer Plow
2X And 1X Plows
Glenco 14 Shank- 3 Pt. Chisel Plow
JD 12 Shank Pull Chisel Plow
JD 10 Shank- Pull Chisel Plow
IH 10 Shank Pull Chisel Plow
Taylorway 10' Chisel Plow w/Coulters Nice
JD 1710- 10' Mulch Tiller
MF 9 Shank Chisel Plow 3 Pt.
Pico 9 Shank, 3 Pt. Chisel Plow
Paulk- 7 Shank Chisel Plow
Taylorway 7 Shank 3 Pt.- Chisel Plow
Brillion 7 Shank 3 Pt. Chisel Plow
Buster Bars 7',12' & 20'
Krause 18' Rock Flex
Krause 21' Wing Disc
Krause- 11' Disc
IH 370- 12' Finishing Disc
JD 13' Disc
JD 310- 14' Disc
Kewanee 13' Rock-Flex Disc
Bush Hog 10' Offset Disc
Bush Hog 8' Offset Like New
JD 8' Offset Disc
AC 8' Wheel Discs
IH 37- 13' Wheel Disc
IH 5'- 1 Pt. Disc
Brillion 18' Pull Field Cult.
Kewanee 13½ ' Pull Field Cult.
Brady 17' Pull Field Cult.
JD C11- 12' or 15'- 3 Pt. Field Cult.
Glenco 10' Or 13'- 3 Pt. Field Cult.
JD RM6- 3 Pt. Cult.
JD RG-6- 3 Pt. Cult.
Super A Cult.
JD- 14' Pull Type Rotary Hoe
King Kutter 50" Rototiller
JD 10'-12' Cultipacker
Bearcat- 12' Cultipacker- New
Brillion 14' Crowsfoot Cultipacker
Brillion 11'-13' Cultipacker
Dunham 10' Cultimulcher
IH 12' Cultimulcher
Brillion 12' Cultimulcher
IH 6500 10' Soil Saver

HAY EQUIPMENT

JD 3960 Harvester w/2 RN Cornhead
(2) NH 846 Round Balers
Deutz-Allis- SM-70RC Discbine
(2) NI 279 Cutditioners
(2) Bale Wagons
JD 450 7' Pull Sickle Mower
IH Pull Type Sickle Mower
NH 707 Harvester w/Corn Head
Pequea 710 PTO Hay Tedder- New
NH 258 Hay Rake- Nice
JD Hay Rake
NI 272 Cutditioner
NH 467 Haybine
Gehl Forage Wagon 3 Beater w/Roof
NH 451 3 Pt. Sickle Mower- 7' Bar
JD 336 Baler w/Ejector

NEW EQUIPMENT

- King Kutter Scraper Blades
  6' And 7'
  Heavy Duty 7' And 8'
- King Kutter Scraper Blades
  6', 7' And 8'
- King Kutter Post Hole Diggers
  6", 9" and 12" Augers
- King Kutter Discs 5½ ' And
  6½ '- 3 Pt.
- King Kutter Grading Boxes 4',
  5½ ', 6', 7' & 8'
- King Kutter Stone Rakes 4', 5',
  6', 7' & 8'

Cornshellers- 3 Pt. And Pull Type
Hay Tedders- 9'- 3 Pt. Or Pull Type
Hay Wheel Rakes- 3 Pt.
Seeders- Broadcasters- 3 Pt.
Cultivator 1 Row- 3 Pt.
Potato Diggers 1 Row- 3 Pt.
Ag-Tech Preseeder
Shaver Post Driver HD-8
Cement Mixers-3 Pt.
10' Pasture Drag
Woodsman- 3 Pt. Saw

MISC. EQUIPMENT

Heads- NI 766- 6' Pickup
IH 810 13' w/Floating Cutterbar
NH 960 13' Platform
NH 960 15' Platform w/Floating Bar
JD 443 Corn Head
JD 343 Corn Head
JD 243 Corn Head
1X Flat Trailers
(3) Richardton Hi-Lift Dump Wagon
(5) Bin Wagon On Gear
Bearcat 6 Ton-8 Ton Gears On Rubber- New
65 Gal. 3 Pt. Sprayer- New
Kuker 400 Gal. Sprayer, Cent. Pump- 30' Boom
NH 305 Side-Delivery Manure Spreader- New
NI 10 Manure Spreader
NI 12A Manure Spreader
NI 18 Manure Spreader
NI 212 Manure Spreader
NI 217 Manure Spreader
NI 218 Tandem Manure Spreader
(2) JD-N Manure Spreader
(3) Cub Manure Spreader
Brillion 8' Seeder
Rock Picker
(2) 3 Pt. Transplanters
JD 8300- 23x7" Grain Drill
IH 510-16x7" Grain Drill w/Grass & Fert.
Crust Buster- 3 Pt. Grain Drill 20x7" DD
JD Loader, 148
IH 2200 Loader
(5) Set Of Duals-Various Types- Including 20.8x38- New
(16) Manure Forks
Cabs- AC 7000
Wood Chipper- Royer, 3 Pt., 8"
United 14' Stalk Chopper
NI 310- 1X Cornpicker
JD 7200 Max Emerge 2- 4 Row

ROTARY MOWERS

Woods RM48
JD 606- 6'
Ford 909- 5' Pull Type
Bush Hog- 6'
13' Batwing Mower
- King Kutter Rotary Mowers- New
  4', 5' And 6' 3 Pt. And Pull Type
- King Kutter Finish Mowers-
  New 4', 5', 6' & 7'- 3 Pt.

Servis- 15' Wing Fold

1 FARM EQUIPMENT

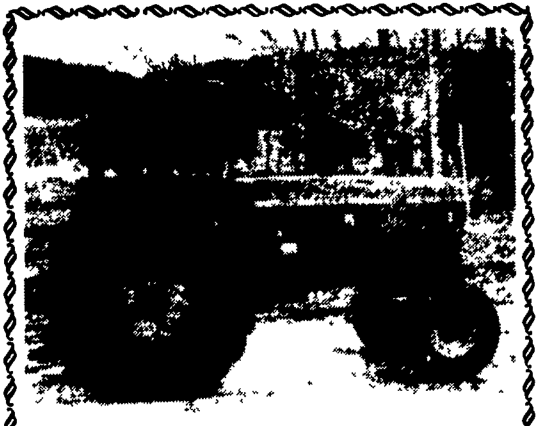
1958 And 1960
JD 830
$5900 Each
1952 JD R
$4900
(2) 1947 JD G
JD LA New Paint
1948 JD B
Farmall M
Case SC

All With Very Good To Excellent Metal And In Good Running Condition

CLARK'S FARM
603-623-9567
Ask For Richard

IH 1466
2 Outlets, Runs Good
$4,800
301-833-9091

MF 2675
Runs Exc., Outlets, 24 Speed
$5,500
301-833-9091



JD 4240
Quad Range, Runs Exc., Outlets
301-833-9091

ENFIELD EQUIPMENT INC.
720 WHEELER SCHOOL RD
WHITEFORD, MARYLAND 21160
1/2 MILE WEST OF RT 136 ON RT 165
HOURS MON FRI 8-5
SAT 8-12

301 452 5252

Material Handling Equipment
301 879 5090

TRACTORS

- JD 4230 Powershift 4 Post Canopy, 20.8-38- Coming In!
- JD 2355, 2WD, 850 Hrs., Excel. Cond.
- JD 950, 2WD, Ag Tires, 630 Hrs.
- JD 850 Tractor, 139 Hrs., 2WD, Turf Tires, PS, Canopy, Excel. Cond.
- JD 40, Wide Front, 3PT Hitch, PTO, S# 64679
- Farmall 450 Tricycle, Average Shape
- Farmall 560 Tricycle, Fair Shape
- MF 165, Diesel, New Brakes & Clutch w/kelley Loader
- Ford 1500, Diesel w/Flail Mower, 434 Hrs., 2WD, Turf Tires

HAY EQUIPMENT

- JD 1327 Disc Mower Conditioner, Very Good Cond.
- JD 1219 Mower Conditioner, Non-Clog Guards, Very Good
- JD 1209 Mower Conditioner, Priced To Sell
- NI 279 Cutditioner, 540 PTO
- NH 411 Discbine, Rolls Good, Hyd. Tongue Pos., Hyd. Header Tilt
- NH 268 Baler w/Ejector
- NH 890 Forage Harvester w/5½ Pickup & 2 Row Wide
- NH 717 w/Low Profile 1 Row Corn Head 5' Hay Pickup & Direct Cut Hay Head
- NH 489 Mower Conditioner, Good Cond.

PLANTERS

- AC 333 4 Row, Air Champ., Dry Fertilizer
- AC 600 4 Row, Plate Planter, Dry Fertilizer, Fair Shape
- AC 600 9 Row, Plate Planter, 9 Row Monitor, Liquid Tanks

SPREADERS

- JD 680 Web Spreader, Tandem Axle, End Gate, Very Good
- NI 214 Web Spreader, Single Axle, End Gate

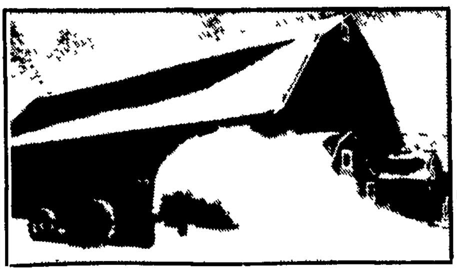
COMBINES

- JD 6600 Side Hill Combine
- JD 3300, Gas Combine w/10' Platform
- JD 4425, 400 Hrs., Also Loaded With Features, Has A New Factory Warranty, Call Today!
- JD 215, Flex Head, Black Reel
- JD 244 Corn Heads

CUT EQUIPMENT COSTS AND LABOR WITH GREAT NEW YEAR DEALS!

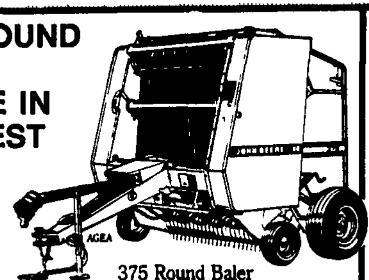
MODEL 676 SNOW BLOWER

Cut Snow Removal Time And Make Quick Work Of Plugged Lanes And Drifted Farm Yards. Model 676 Snowblower 6½ ', 540 RPM 40-75 HP Required. (1 Only)



SALE PRICE -**$1,750⁰⁰** SALE ENDS FEB. 15th

FOR ROUND BALES YOU'RE IN THE BEST SHAPE WITH JOHN DEERE

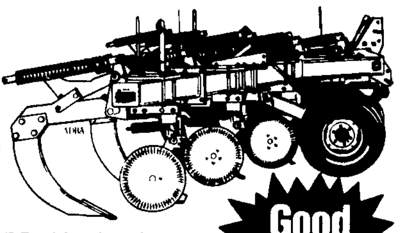


375 Round Baler

The 335 and 375 Balers are for the hay producer who wants to get the efficiency of round bales, at a trimmer, leaner cost

NEW PROGRAM-LOWER PRICE!
JD 375 ROUND BALER
(Demo) (1 Only) - $10,900⁰⁰

915 V-RIPPER GOES 2 FEET DEEP, HAS NEW RESET STANDARDS

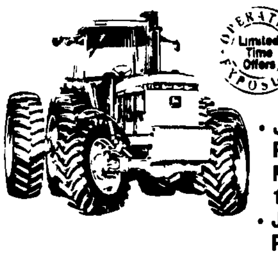


- Rip 2 feet down for great soil relief
- Go non-stop in rocks with new spring reset standards

Good dealin'

915 V-RIPPER
With 5 Spring Reset Standards & Gauge Wheels
SALE **$7,100⁰⁰**

Drive a Deere ...FREE!



OPERATION Limited Time Offers EXPOSURE

IN STOCK NOW:
- JD 4055 Power Shift, MFWD, 105 HP
- JD 4255 Power Shift, 2WD, 120 HP

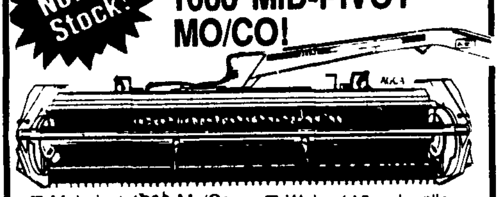
DEMO
- JD 4255 Power Shift, MFWD, 120 HP
- JD 4055 Quad Range, 2WD, 105 HP

See us about a demonstration drive in a John Deere 55 Series, 105 to 200 hp tractor Because the best way to understand a tractor is to drive it and compare it We'll also fill you in on

- NO finance charges until March 1, 1991, or special low-rate financing or cash discount
- FREE 5-year Customer Protection Plan for your new tractor • EXTRA savings on John Deere hay and tillage tools

SEE IT HERE! NEW 1600 MID-PIVOT MO/CO!

Now in Stock!



- Mid-pivot 1600 Mo/Co comes in 12-, 14- and 16-foot widths
- Wider 110-inch rolls, exclusive design
- Quick adjustments

714 MULCH TILLER: MAXIMUM MACHINE FOR MINIMUM TILLAGE

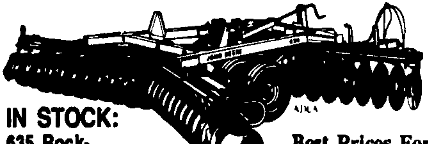
See it today

- Tru-Depth* standards go 11 in. deep...work up to 21 ft. 3 in wide through heavy residue
- Hydraulic adjustment of coulter gang from cab

IN STOCK:
714, 11'3" 9 Shank Tru-Depth Spring Reset Standards - *Best Prices For Early Buyers*

- Solid rear mainframe

635 SERIES TANDEM DISKS: EXTRA PERFORMANCE FEATURES AT 'BASIC' PRICES



IN STOCK:
635 Rock-Flex Disc, 12'2"

Best Prices For Early Buyers Plus Waiver till March 1, '91

- Work rocky soil at productive rates with minimum blade damage. The key is a unique load-sensitive C-spring gang shank
- 600 Series tandem design, rolling disk middlebreaker, easy depth setting and leveling
- Rigid, rigid-fold and flex-fold sizes

JD 2000 5 BOTTOM SPRING RESET PLOW

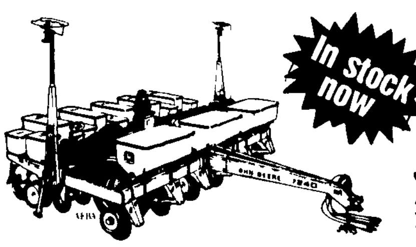
Spring-reset standards for on-the-go performance
Keep moving over rocky ground with rugged single-pivot spring-reset standards Dual compression springs provide 4500-pound reset force. Enough strength to maintain depth in hard ground

Was ~~$9,450⁰⁰~~

SALE $8,990⁰⁰

2000 the medium-duty semi-integral with high powered features at a low-powered price

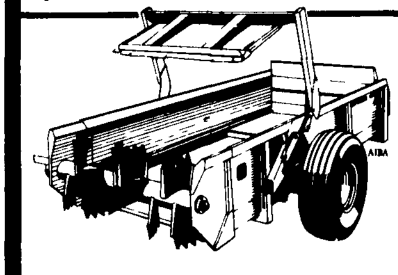
CALL IT A "NARROWIDE"



In stock now

- John Deere 7240 Planters—narrow-row and wide-row planters in one!
- Plant narrow-row soybeans, then lock up alternate units for corn
- MaxEmerge® 2 planter accuracy

JD 7240 Planters
Available, 6 Or 11 Row - Call Now To Reserve Yours!
Waiver Till April 1, '91

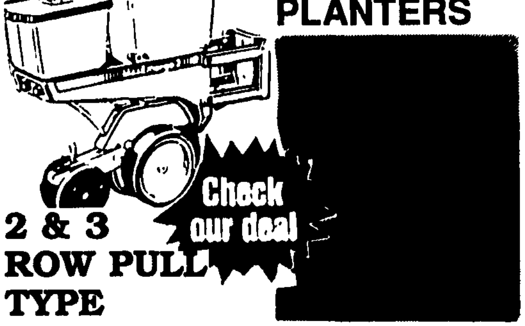


Hydra Push Spreaders BUY NOW! SAVE 6% FREE YOURSELF OF YOUR CHAINS

- Two sizes of Hydra-Push™ spreaders use hydraulic power to push loads. No chains
- Fast unloading, no conveyor fall-back, self-cleaning
- Construction material resists corrosion and freeze-up

Model 450- 225 Bu. With Endgate & Front Splash Guard SALE **$5,945⁰⁰**

TWO ROW MAX EMERGE II VERSA FRAME PLANTERS



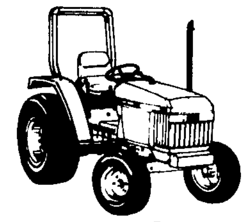
Check our deal

2 & 3 ROW PULL TYPE PLANTERS AVAILABLE FOR 1991 PLANTING SEASON

- Max Emerge Planting Accuracy In No-Till, Minimum Till Or Conventional Till
- Plant "In Furrow" And Under Plastic With Optional Furrower Attachments
- Infinate Row Spacings From 15" - 40"
- All Units Built To Your Needs And Specifications With John Deere Components

ATTENTION: SWEET CORN GROWERS- ORDER NOW FOR SPRING!

COMPACT TRACTOR SPECIALS!



SAFETY live with it CNAL

No Interest Financing For 9 Months! Call For Details!

- 870 MFWD, 28 HP, Turf Tires, PS- **$10,500⁰⁰**
- 855 MFWD, 24 HP, Hydro-Static, PS- **$10,900⁰⁰**

▲ Choose from compact utility tractors under 40-hp with synchromesh, collar shift or hydrostatic transmissions
▲ Simple hookup lets you attach a variety of implements to the powerful PTO and go
▲ Open, roomy platform for easy operation
▲ Fuel-efficient engine
▲ Series hydraulics allow multiple functions

JOHN DEERE FARM WAGON (1/16th Scale) $19⁶⁵

This new toy size replica of the John Deere wagon is a valuable addition to the line of commemoratives. This is truly a prized collector item of an important antique transportation vehicle of the past.

NEW!

PRECISION CLASSIC MODEL "A" TRACTOR $75⁰⁰

SPECIAL EDITION

This John Deere 2640 is an exact replica of the tractor which helped a man make his dream come true in the hit movie "Field of Dreams"

SALE **$29⁹⁵**

ABC GROFF
Since 1890
The Name You Can Trust

110 South Railroad Ave.
New Holland, PA 17557
717-354-4191

NEW WINTER HOURS:
Now Thru Feb. 28, 1991
M-F 7:30-5:00
Sat.: 7:30-12:00

100th ANNIVERSARY 1890 1990

1 FARM EQUIPMENT

36" Haines Potato Washer
$2,000
215-286-9510

SPECIAL
New Case D130
Backhoe to mount
on skid loader
$5500
717-786-3521

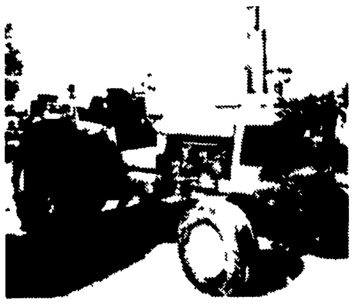
NH 848
Round Baler
(304) 289-3080

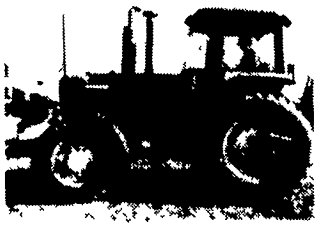
Zetor 5245, 50HP, 4WD, 45-hrs with Allied Loader, $12,000 JD-3020, 5700-Hrs, $6,000 JD-2030 w/loader, $7,500 215-933-1222

Zimmerman elevator 40' like new, can be used for corn, bales or manure $2000 717-393-1490

BARGAIN HUNTER VALUES

Track Down
BIG BUYS
ON
QUALITY
Used Equipment


Ford 7700, 85 HP **$15,500**


JD 4055, 105 HP, Power Shift, 1300 Hrs., 1 Year Old, New Warranty

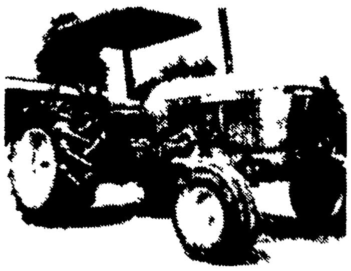
JD 3830 Windrower, w/14' Head, Low Hrs., Exc. Cond. **$29,000**

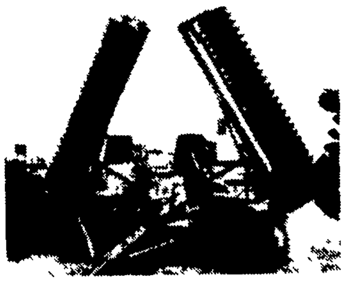
JD 900 25 HP, High Clearance w/Fert. Side Dresser, Like New

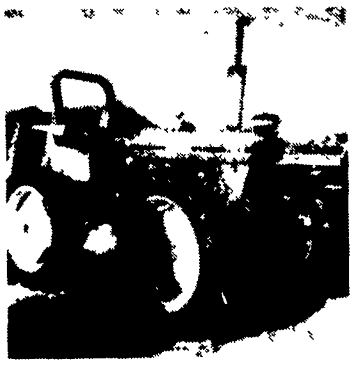
JD 4455, 140 HP, Power Shift 400 Hrs, 1 Yr. Old w/JD280 Heavy Duty Loader (Tractor With Or Without Loader)

Ford 5610, 62 HP, 86 Hrs., Like New!
$21,900

Ford 9600, 130 HP w/Cab, 16 Speed, Dual Power Trans.

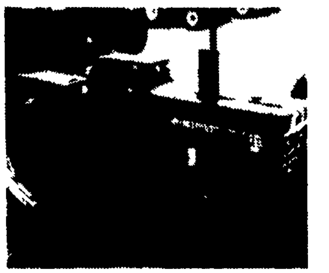

JD 2350, 55 HP, 1100 Hrs., Hi-Lo Shift, Very Good Cond.

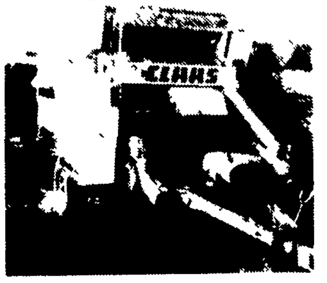

Brillion 24 Ft. Folding Packer, Good Condition **$4,500**

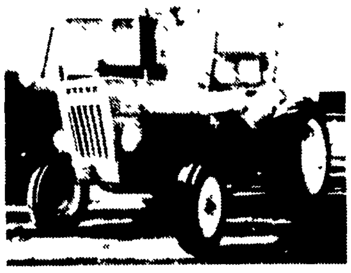

Ford 7610, 85 HP, 89 Hours, Like New **$21,900**

TW-35, 170 HP, Dual Power, Low Hrs.
$29,000

JD 2940 Tractor 80 HP MFWD


IH 884 Tractor 1983
800 Hrs., Very Good Condition


Claas Model 44 w/Plastic Wrap, Good Cond. **$4,900**


Ford 3600, 40 HP, Good Condition **$8,200**

NH 853 Round Baler, Makes Up To 1200 Lb. Bales, Good Condition

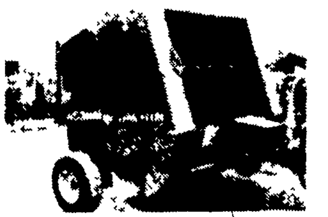
Versatile 276 Bi Directional 100 H.P., 350 Hours, With 12 Ft. Cut & Roll Conditioner, Hay Head
$42,000

NH 1895 Forage Harvester With/Met Alert And 3 Row Auger Base, Corn Head & Hay Pickup

Gehl MC2170 Mower Conditioner w/ Hyd. Swing **$7,900**

IH 3788, 170 HP, Low Hrs., 1 Owner, Clean, Very Good Condition

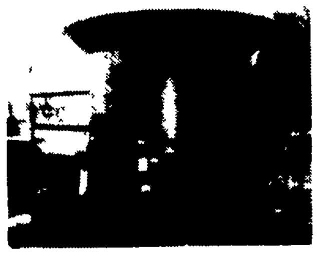
NH 855 Round Baler, Makes Up To 1700 Lb. Bales, Good Condition

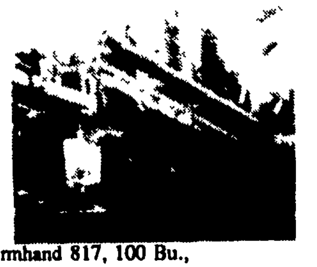

JD 375 Round Baler Used For 40 Bales, New Warranty **$11,200**

JD 8300, 21x7, 12 Ft. Grain Drill, Single Disk Openers, w/ Grass Seed Attach., Good Cond. **$3,500**

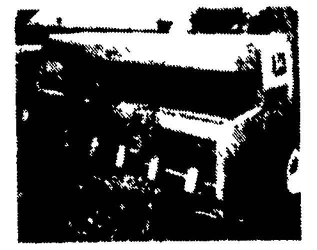
JD 1460 Disk Mower Conditioner, 1 Yr. Old, w/Rolls & Swivel Hitch **$10,900**

JD 1219 9' Mower Conditioner **$4,500**


Farmhand 6650 Tub Grinder, Like New Cond. **$17,500**


Farmhand 817, 100 Bu., Grinder Mixer, Very Good Condition **$4,950**

IH 510 Grain Drill, 16x7, 10 Ft., Double Disk With Fertilizer - Good Condition


JD 1500 Powr-Till Seeder, 8 Ft.
$3,500

JD 605 Spin Spreader Good Condition **$3,500**

USED EQUIPMENT

Balers
NH 315 Baler w/70 Thrower $6,500
NH 316 Baler w/75 Ejector $7,500
JD 336 Baler & Thrower
NH 276 Baler w/Thrower
NH 272 Engine Baler
NH 320 Baler $4,500
NH 272 Baler w/Thrower $1,900
NH 846 Round Baler w/Auto Wrap $5,900
NH 275 w/53A Thrower
NH 315 Baler w/Belt Thrower $5,900

Grinder Mixers
NH 350, 80 Bushel
NH 352 80 Bushel 16" Mill
Farmhand 815 82 Bushel 16" Mill

Mowers
NH 451 Sickle Bar, 7 Ft.

Mower Conditioners
NH 1495 Self-Propelled, 12 Ft. Cut, Hydrostatic
Kuhn FC300GC Disk Mower Conditioner 10 Ft. Cut
NH 489 Mower Conditioner $3900, Good Condition
NH 488 9 Ft.
NH 489 9 Ft. $4,500
NH 469 9 Ft. $1,750
NH 495 12' Cut $2,900
JD 1508 15' Rotary Cutter, 1 Yr. Old, $6,500
JD 1209 9', $2,500
Gehl 2330 Mower Conditioner

Backhoe
Bradco 9HD Fits New Holland 500 Series Loaders
NH Model B-134 Fits NH 700 Series

Loaders
Farmhand Heavy Duty Loader (Fits 4 Cyl. John Deere Tractors)
JD 175 Loader

Tillage
Oliver 4 Bottom Roll Over Plow, $2,900
JD 945 5 Bottom, Semi Mounted, Rollover Plow With Coulters $2,650
IH 18 Ft. Field Cultivator
JD F-125 3 Bottom Plow 16" Bottom

Sprayers
Hardi TR500 500 Gal. Electric Controls, 45 Ft. Boom $3,900
Century 500 Gal. Electric Controls, 40 Ft. Boom And Foam Marker, 1 Year Old, $3,900

Spreaders
NI 245 10 Ton, Tandem Axle, Flotation Tires (Just Arrived)
JD 40 175 Bushel, $1200
NI 213 175 Bushel, $1200
IH 150 160 Bushel, $1300
NI 244 325 Bushel Tandem Axle, $3500
NI 225 325 Bushel Tandem Axle, $2500
NH 308 Spreader, Mounted On A Truck $13,000

Rakes
Kuhnflex KF4 NH 56 8½ Ft

Compact Tractors
JD 950 4WD
JD 950 MFWD Turf Tires w/Loader, 27 HP $10,900
JD 950 MFWD Bar Tines w/Loader & Backhoe, 27 HP $12,900

Tractors
JD 450 Crawler, Dozer
Farmall 400 Gas
Ford 4000 45 HP Diesel, $3,950
Ford 601 w/Loader
JD 3020, Gas, 70 HP
Ford 9N Gas
JD 410 Loader, Backhoe $16,900
AC D-14 Tractor 30 HP, Gas $1900
JD 4010 85 HP w/Cab $7,900
JD 40 Crawler $3,000
JD 2040, Low Hrs., 40 HP, w/145 Loader $10,900
JD 1010 Gas 35 HP
Case 970 Power Shift, 85 HP With Cab, $8,500
MF 65 Diesel 50 HP, Good Condition
Oliver 77 40 HP Gas $2,150
IH 460 52 HP Diesel
JD 4430 Power Shift 125 HP Sound Gard Body

Skid Steer Loaders
L-775 Deutz Diesel
L-785 Perkins Diesels
NH L452 30 HP Gas, $8,200
Case 1845 Gas, 45 HP $7,900
NH L454 Gas, 31 HP, 200 Hours $9,800

Planters
JD 7100 Toolbar, 4 Row w/Dry Fertilizer Attachment
IH 400 Air Planter 6 Row Narrow, Good Condition
JD 7000 4 Row Wide Planter, $4,500
JD 7000 6 Row Conservation Planter
JD 7000 4 Row Conservation Planter

Harvesters
JD 3960 Harvester
JD 3 Row Row Crop Head
NH 1890 Base Unit Only, Overhauled
NH 718 Harvester With 2 Row Narrow Corn Head & Hay Pickup
JD 3950 Harvester w/2 Row Cornhead & Hay Pickup

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XL0 Fleet 15W-40	$220.40
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Rotella-T SAE 30 or 40	$207.80

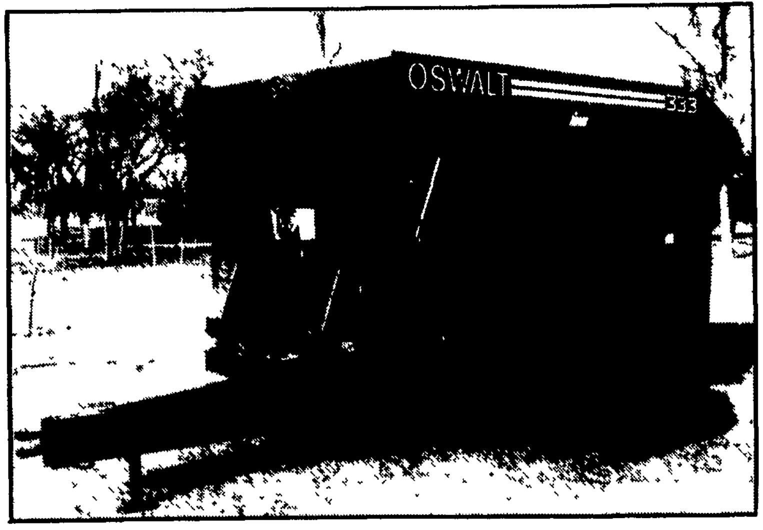
CONOCO

Fleet Heavy-Duty 15W-40	$174.03
Fleet Heavy-Duty SAE-30	$167.15
Super Hydraulic Oil AW-32 or AW-46	$145.32

OSWALT MODEL 333 RuffageMaster Ensilmixer

by J - STAR

EXTRA HEAVY DUTY — Designed to process those High Ruffage Materials — including Baled Hay into a fully blended feed ration!

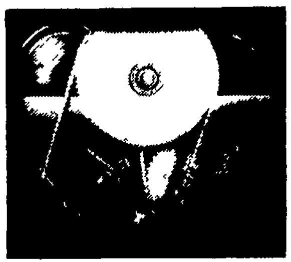


Oswalt has taken its time- proven Commercial Style 4 Auger Ensilmixer — the Feed Mixer that has set new standards for performance and durability and put all of those features into the totally new ***High Performance RuffageMaster***

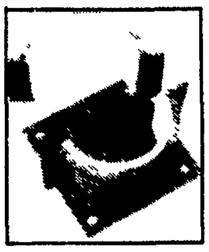
- Tuff-Glide Side Liners
- Tuff-Glide Front Auger Bearings
- Tuff-Glide Lined Conveyor
- Hay Augers & Knives
- Oil Bath Drive & Grease Bank lubrication
- Constant Velocity Tumbler Shaft
- Optional Tuff-Glide Bottom Liners
- High Capacity 40 inch Discharge Conveyor

Exclusive Tuff-Glide mixing chamber liners: You will probably never have to replace a mixer side or bottom (when lined with Tuff-Glide), because Tuff-Glide is not affected by acid and moisture and Tuff-Glide resists abrasion. Also, because the super low friction material is self-lubricating, it greatly improves mixing efficiency and capacity, while reducing the horse-power required to mix

CALL FOR FREE DEMO'S!



Rugged Rear Drive
Massive, H.T alloy shafts, bearings and chains on hardened sprockets are standard features on this rugged unit. Shafts are welded and permanently aligned in the auger tubing, eliminating flanged shimming to maintain alignment. All rear auger bearings are located inside the oil bath drive



Tuff-Glide Auger Bearings: The sleeve style front auger bearings, made from Tuff-Glide, require no grease and are not affected by moisture or acids

LAPP'S BARN EQUIPMENT

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And Brillion**

USED TRACTORS

AC: 160 Diesel w/Ft Ldr , 170 w/Ft Ldr , 185 Diesel w/Cab, 190, 190XT, 190 w/Cab, 200 w/Cab, 5015, 5040 w/Ft Ldr , 5050 w/Ft Ldr , 6060, 6080, 6140 w/Ft Ldr., 7000, 7000 Diesel w/Cab, D17 Diesel, I-40
CASE: 1070 Diesel w/Cab
DEUTZ: 4006 w/Ft LoaderD6806, DX140.
FORD: 545 w/Cab, 545A w/Cab, 3000, 3000 Diesel w/Ft. Ldr , 4000 w/Ft. Ldr., 4100 w/Front Loader, 5000, 7000, 7600 High Clearance 861, 8N's, Jubalee w/Ft Ldr.
IHC: Super A, Super H, M, 574 w/Ft Ldr , 886, 1206 Turbo w/ Cab, A High Clearance, 140 High Clearance, 200 Wide Front End, 100, Cubs; Farmall 400.
JD: G, 820 Diesel, 4440 4WD Dual Rears w/Cab
KUBOTA: L175, B6100 4WD, M 4950 4WD w/Ft. Ldr., M5500 4WD w/Ft Ldr , M7950
MASSEY: 35 Delux w/Ft. Ldr , 135 w/Ft Ldr., 275 Diesel.

HIGH MOISTURE CORN EQUIPMENT

McKee Corn Hogs, Wetmore Grinder/Blower, Gehl 2 Row Snapper Head; New Holland 1 Row Snapper Head; Kools Re-Grinder/Blower, Speed King 80, 8" Grain Auger 24 Ft. PTO Drive, Transport.

MISCELLANEOUS

SPRAYERS: Demco 500 Gal. Trailer Boom Sprayer Like New, Meyers 100 Gal. 3 Pth. Sprayer, Century 250 Gal. 3 Pth. Sprayer, Century 200 Gal. Trailer Sprayer.
LOADERS & CABS: Large Supply Of Front End Loaders And Cabs For Various Tractors.
MISC.: Used Rock Rakes, Bush Hog Mowers And Hammer Knife Mowers, Brillion 12 Ft Smooth Roller, JD #30 Potato Digger, 3 Pth Heavy Duty Tree Planter, Case IH Tub Grinder, NH 355 Mixer/Grinder Mill, Gehl MX 135 Mixer Mill, New & Demonstrator Harley Rock Rakes, New 18 4x38 Radial Tires
GENERATORS: Several PTO Driven Generators On Wheels-Up To 50 KW- Ideal For Standby Power

PLANTING EQUIPMENT

AC 6 Row No-Til Corn Planter w/Liquid Fertilizer, Very Good Condition, AC 2 & 4 Row No-Til Corn Planters, Ford, John Deere, AC 2 Row 3 Pth Corn Planters, John Deere 2 Row Potato Planter, Brillion 10 Ft Cultipacker Seeder, Brillion 5' Cultipacker, JD 8350 Double Disc Grain Drill, Brillion 10' & 14' Cultimulchers

TILLAGE EQUIPMENT

AUTO RESET PLOWS
AC: 2000 4 Btm
FORD: 3 Btm 3 Pth
IHC: Like New 720 4 Btm , 710 6 Btm w/On-Land Hitch, 720 6 Btm w/On-Land Hitch, 700 4 Btm., 710 3-5-6 Btm
JD: 3600 Trailer Plow, 2600 6 Btm., 2500 7 Btm. w/On-Land Hitch, 2500 7 Btm , 4-5 Btm w/Tandem Hitch, 2600 4 Bottom, 2700 5 Btm.
KUBOTA: 3 Bottom
WHITE: 588 5 Btm.
OTHER UNITS: Brillion 10 & 12 Ft. Cultimulchers, Massey 4 Btm 3 Pth Rollover Plow, Kewanee 9 Shank Trailer Chisel Plow, Athens 7 Shank 3 Pth Chisel Plow, JD 1250 3 Btm 3 Pth
DISCS
AC: 2300 Tandem 10 Ft. Disc, 3300 Transport Offset Disc, 14 Ft. Tandem Wing Disc.
ATHENS: 131 Tandem 11 Ft. Plow Disc, 167 Transport Disc.
BUSH HOG: 9 Ft. Offset Plow Disc.
FORD: 8' 3 Pth. Disc.
IHC: 350 12 Ft. Disc, 480 Tandem 20 Ft. Wing Disc, 760 Offset 13 Ft. Disc, 470 Transport Disc 12'.
JD: KBA 10 Ft. Disc, 310 14 Ft. Plow Disc, 14' Transport Disc.
KEWANEE: 610 Tandem 16 Ft. Wing Disc w/Folding Gang.
MASSEY: 12 Ft. Tandem Disc.
TAYLORWAY: 13 Ft. Rock Flex Disc.
WHITE: Like New 13 Ft. Tandem Disc.
OTHER ITEMS: New Brillion 16 Ft. Danish Tine Transporter Harrow, Glenco 3 Pth 4 Row No-Til Cultivator, 2-4-6 Row 3 Pth Cultivators.

MANURE EQUIPMENT

LIQUID: 1500 Gal. Better-Bilt
VACUUM: VanDale 2250 Gal.
SEMI-SOLID: Hedlund Martin Vanguard 2400 Gal. And 2900 Gal.
BOX SPREADERS: Large Assortment Of Ground Drive And PTO Drive Units From 75 To 350 Bushel.
MISC: 3000 Hedlund Martin Tank Mtd. On 1973 Int. Tandem Truck.

SPECIAL

Gehl 3310 Skid Steer Loader
Demonstrator w/New Warranty.
$7,579
Call For More Information

HAY & FORAGE

FORAGE HARVESTERS: Gehl 1000 Tandem Axle w/Pick-Up Head, Hesston 7140 And 2000-150 Each With Choice Of Heads.
FLAIL CHOPPERS: NH 36, NH 38 Like New.
FORAGE BLOWERS: Gehl 99, NH 28
CHOPPERS: JD 3800, Hesston 7020, Hesston 7165.
BALERS:
NI: 484 Round Baler.
GEHL: 1310 Round Baler, Makes 4 Ft. Bales.
JD: 346 Sq. Baler w/Thrower.
DEUTZ: HD 490 Sq. Baler w/Thrower.
NH: 275 Square Baler.
HAYBINES:
HESSTON: 1070, 1071, 1090.
NH: 472, 489.
IHC: 1190.
GEHL: 1090.
DISCBINES:
HESSTON: 1050.
MISC: Good Selection Of Corn Heads, Assorted Rakes & Tedders, NI 272 Cut/Ditioner, Case IH 8610 Bale Processor, Hesston #10 Stack Processor, 40 Ft. Round Bale Trailer.

CORNPICKERS

New Idea 323- 1 Row; New Idea 324 Wide Row And 325 Narrow Row, Both Available With 8 Or 12 Roll Husking Bed Or Super Sheller.

INDUSTRIAL

DOZERS: JD 350 B, JD 450C w/6 Way Blade, Case 450 With 4-1 Bucket, Case 450B w/6 Way Blade, AC 653, AC HD10, IH TD15.
TRACTOR/LOADER/BACKHOES: Ford 555, Ford 3000, Ford 3500, Case 480, Case 580, Case W-3, Kubota B8200 4WD; AC 615, AC 715; Belarus 420A 4WD.
OTHER ITEMS: AC 714 T/L w/Cab, AC 640 Loader, Oliver OC3 Crawler, AC TL 14D Payloader, Massey 2135 T/L Turf Special, Pettibone B66 Hi-Reach 4WD Industrial Forklift. General 3 Axel 9 Ton Tag-A-Long Trailer, Binkley 28 Ft. Deck Equipment Transport Trailer. Asplundh Brush Chipper, Brush Bandit Self-Feeding Brush Chipper, Industrial Air Compressor. 1976 GMC 5000 Truck w/45 Ft. Ariel Bucket With Very Low Mileage.

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pcs. per box	size	U.S.S. Gr. 5 Cap Screws per box	Quan. order	Total price	U.S.S. Gr. 8 Cap Screws per box	Quan. order	Total price	Carr. bolts w/o nuts per box	Quan. order	Total price	Lag bolts per box	Quan. order	Total price
100	1/4x3/4	3.71			6.04			3.82			6.90		
100	1/4x1	4.14			6.56			4.14			7.15		
100	1/4x1 1/4	4.60			7.28			4.87			7.26		
100	1/4x1 1/2	5.04			8.08			5.50			7.39		
100	1/4x2	6.34			9.84			6.20			9.17		
100	1/4x2 1/2	8.29			12.85			7.18			10.38		
10	1/4x3	10.80			16.93			8.22			11.55		
100	4/4x3 1/2	13.80			—			9.08			12.67		
100	1/4x4	17.75			—			9.84			16.96		
100	1/4x5	—			—			11.90			20.88		
100	1/4x6	—			—			13.60			7.36		
100	5/16x1	6.13			9.39			5.44			7.43		
100	5/16x1 1/4	6.74			10.80			5.95			7.46		
100	5/16x1 1/2	7.46			11.90			6.77			8.37		
100	5/16x2	9.10			14.16			8.00			8.37		
100	5/16x2 1/2	10.69			16.56			9.46			9.47		
100	5/16x3	12.56			19.95			10.82			10.74		
50	5/16x4	11.13			17.80			6.61			6.57		
50	5/16x5	—			—			8.19			8.75		
50	5/16x6	—			—			9.40			9.96		
100	3/8x1	8.35			13.41			7.90			10.14		
100	3/8x1 1/4	9.36			14.88			8.58			10.40		
100	3/8x1 1/2	10.33			16.45			9.44			10.55		
100	3/8x2	12.64			19.60			10.97			11.70		
50	3/8x2 1/2	7.18			9.80			7.49			6.75		
50	3/8x3	8.40			12.86			8.12			7.50		
50	3/8x3 1/2	11.02			17.12			8.68			8.42		
50	3/8x4	12.69			20.56			9.62			9.25		
50	3/8x5	18.75			31.74			11.37			11.70		
50	3/8x6	21.80			36.96			13.48			14.27		
50	1/2x1 1/4	9.16			14.16			9.05			—		
50	1/2x1 1/2	10.05			15.54			9.23			10.66		
50	1/2x2	11.90			18.42			10.23			10.93		
50	1/2x2 1/2	13.54			21.40			11.79			11.95		
50	1/2x3	15.86			25.10			13.30			13.02		
25	1/2x4	10.15			18.06			8.87			7.84		
25	1/2x5	14.11			22.50			10.49			9.77		
25	1/2x6	16.73			26.65			14.04			10.90		
25	5/8x2	10.18			15.80			Total				Total	
25	5/8x2 1/2	11.60			18.40								
25	5/8x3	13.70			21.25								
25	5/8x3 1/2	14.60			23.20								
25	5/8x4	16.80			26.00								
25	5/8x5	19.90			31.50								
25	5/8x6	23.85			37.15								
20	3/4x2	12.15			19.45								
20	3/4x2 1/2	14.00			22.40								
20	3/4x3	15.60			24.95								
20	3/4x3 1/2	17.45			27.85								
20	3/4x4	19.00			29.55								
20	3/4x5	22.95			36.65								
20	3/4x6	27.30			42.55								
			Total			Total							

Gloves		Quantity	Total Price
Safety Cuff/Double Leather Palm	$39.50 doz. pr		
Red Lined Brown Jersey	19.50 doz. pr		
Pig Skin Work (Thinsulate Lined)	42.00 ½ doz. pr		
All leather welding/fireplace	36.00 ½ doz. pr		
		Total	

Gr. 8 Nuts

U.S.S. Pcs. per Box	Size	Price per box	Quant. Ordered	Total Price
100	1/4	3.15		
100	5/16	4.10		
100	3/8	5.35		
100	1/2	11.85		
50	5/8	11.45		
50	3/4	17.50		
			Total	

Nylon Lock Nuts			U.S.S. Hex Nuts		
Price per box	Quant. Ordered	Total Price	Price per box	Quant. Ordered	Total Price
5.60			1.57		
7.10			1.98		
9.65			2.61		
16.70			5.86		
17.10			5.47		
31.55			8.31		
	Total			Total	

Flat Washers

100	1/4	1.04		
100	5/16	1.38		
100	3/8	1.87		
100	1/2	4.38		
50	5/8	4.40		
50	3/4	5.70	—	
			Total	

Lock Washers			Fender Washers		
.74			5.30		
1.04			5.50		
1.50			5.90		
2.98			9.60		
2.50					
3.35					
	Total			Total	

* All prices are delivered prices East of the Mississippi. All bolts, nuts & washers are Zinc Plated.

Send check or M.O. with Order -
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All sizes must be ordered in BOX QUANTITY

Minimum order excluding tax $50.00

Sub-Total (all columns)__________

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Farmall 1466/Cab & Duals, Black Stripe, Completely Redone With All New Tires. $12,500.00

Farmall 1206 Fender Tractor/24.5x32 Tires, In Excellent Condition $6,500.00

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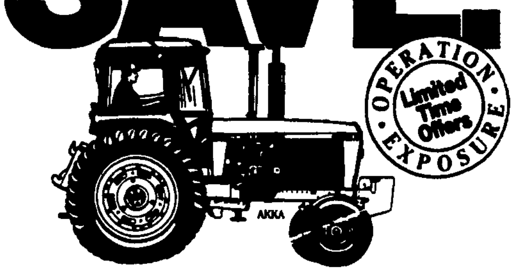

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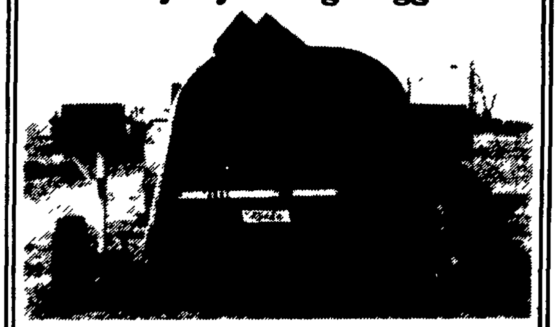

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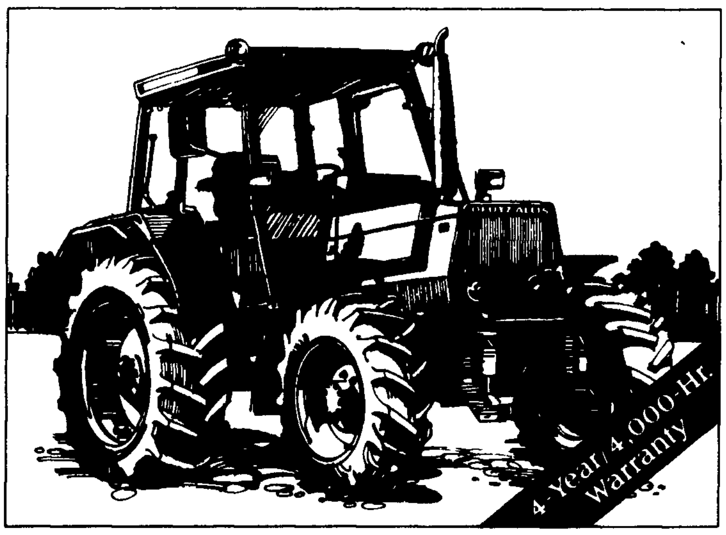

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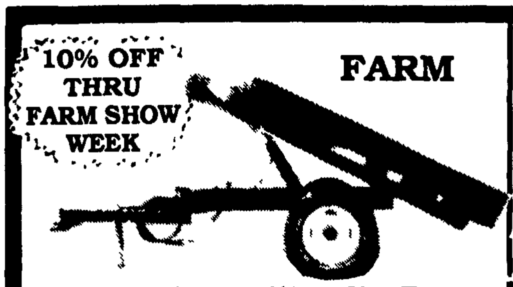

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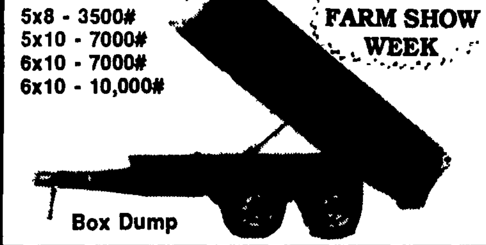

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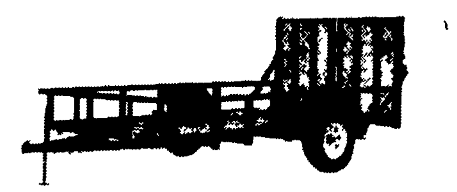

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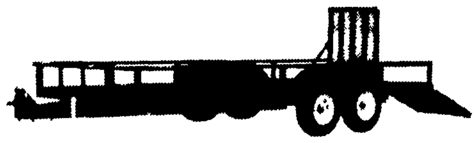

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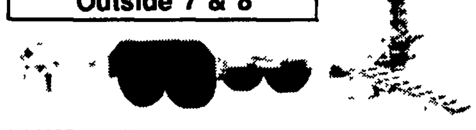

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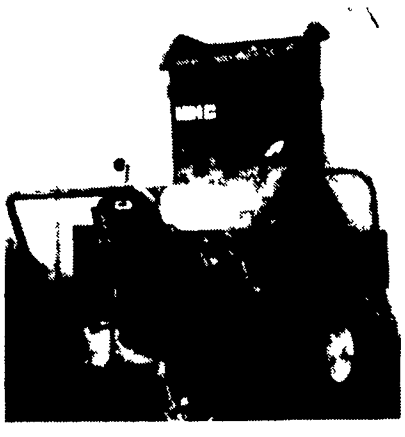

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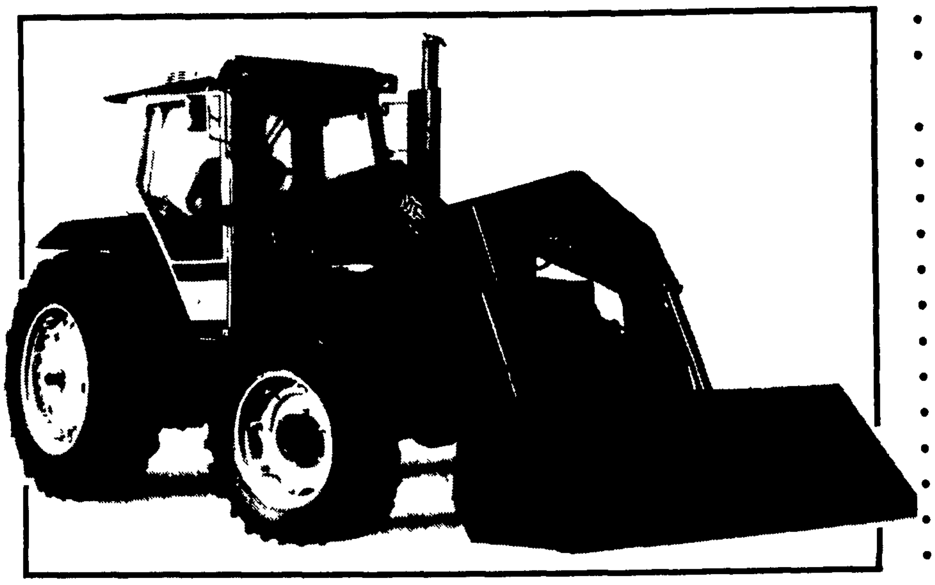

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- MF 11 Loader
- MF 410 Combine
- MF 510 Combine
- NH 474 Haybine
- NH 411 Discbine
- NH 463 Disc Mower
- NH 462 Disc Mower
- NH 442 Disc Mower
- NH 1900 4 Wheel Drive Forage Harvester
- NH 488 Haybine
- Kuhn Disc Mower
- IH 550 Spreader
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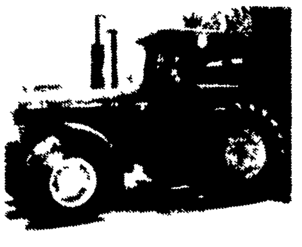

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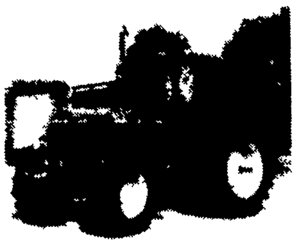

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4450, 140 HP,
MFWD, C/A,
20.8Rx38,
2800 Hrs., PS,
2 Rem.

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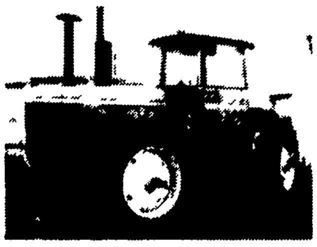
83 JD 4250, 120 HP, MFWD, C/A, 20.8x38 (New), 3550 Hrs., 2 Rem., Quad, Front & Rear PTO & 3 Pt. Hitch

$32,900



77/78 JD 8630, 225 HP, 4WD, C/A, 18.4x38 (Duals), 6165 Hrs., 3 Rem., Quad, Recent Engine & Transmission Overhaul

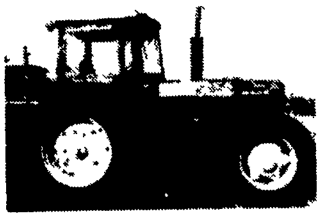
WAS $24,900
NOW $19,900
SAVE $5,000

84 JD 4250, 120 HP, MFWD, C/A, Quad, 20.8x38 3100 Hrs., 2 Rem.

$31,900

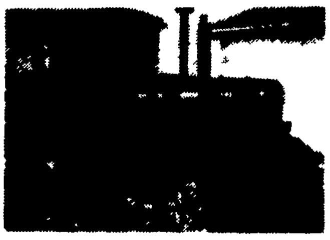
85 JD 2350, 55 HP, 4 WD, 16.9x30, 1600 Hrs., 2 Rem., Hi-Lo w/245 Loader

$21,900



83 JD 4050, 105 HP, MFWD, C/A, 18.4x38, 3165 Hrs., 2 Rem., Quad

$25,900

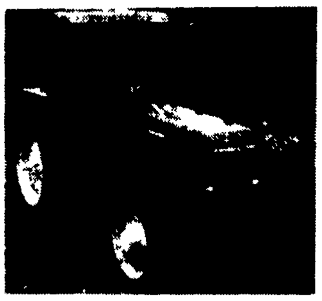


80 JD 4440, 130 HP, 4WD, C/A, 18.4Rx38, 5000 Hrs., 2 Rem., Quad, Rebuilt Transmission

$21,900

82 JD 2940 (3140), 85 HP, 4 WD, Cab, 18.4x38R, 3750 Hrs., Hi-Lo

$18,900



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84 IH 5288, 160 HP, 2 WD, C/A, 20.8Rx38, 2700 Hrs., 2 Rem., 18F/6R	$30,900
84 IH 5488, 187 HP, MFWD, C/A, 20.8x38 R&C (Duals), 2400 Hrs., 2 Rm., 18F/6R	$27,900
84 IH 5488, 187 HP, MFWD, 4 Post, 30.5x32, 2400 Hrs., 2 Rem., 18F/6R	$22,900
83/84 IH 6588, 150 HP, MFWD, C/A, 18.4x38, 1500 Hrs., 2 Rem., 16F/8R	$22,900
88 Cat Challenger 65, 280 HP, Track, (New), C/A, 1800 Hrs., 4 Rem., PS	$87,500
88 Cat Challenger 65, 280 HP, Track (70%), C/A, 2400 Hrs., 4 Rem., PS	$79,900
47 MF 30, 27 HP, 2 WD, 11.2x28, Gas, 5 Speed w/Sickle Bar Mower	$1,950
80 GMC Astro V892 13 Spd. Road Ranger, 26' Rollback Tri-Axle	$29,500
87 Mercedes, 30', Air Tag Axle	$23,900
Mule Train 6x6 Harvester (Cabbage, Asparagus, Sweet Corn, Pickles), Hyd. Driven, Self-Contained, Alum. Grading Table & Side Conveyor	$7,500
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Bomford 72" Mid-Mount Mower	$2,950
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85 Light Foot Grain Cleaner, Extra Screens, Hopper	$1,500
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82 JD 4440, 130 HP, 4WD, C/A, 18.4Rx38, 4500 Hrs., 2 Rem., Quad, Recent Engine Overhaul **$22,900**

64 JD 2010, 47 HP, 2 WD, 14.9x28, Synchro

WAS $6,500
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SAVE $2,000

81 Case 2090, 110 HP, 2 WD, C/A, 20.8Rx38, 2600 Hrs., 2 Rem., PS

WAS $14,900
NOW $11,000
SAVE $3,900

84 MF 158-F, 55 HP, 2 WD, Sims Cab, 13.6x18, 1100 Hrs., 1 Rem., Hi-Lo

66 MF 165, 52 HP, 2WD, Multi-Power, w/99 Ind. Loader 16.9x28

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83 JD 2550 (2040S), 65 HP, Cab, 2 WD, 13.6x38, 2570 Hrs.

$12,500

76 White 150, 148 HP, 2 WD, Cab, 4000 Hrs., 20.8x38, 3 Rem., Hi-Lo

WAS $6,500
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SAVE $2,000

62 Cat 922A Loader, 80 HP 4WD, 14.00x24

WAS $12,500
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87 Mitsubishi 250D, 22 HP, 4 WD, 606 Hrs., 11.2/10x24 (New) w/ Woods Mower

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86/87 FD 1910, 29 HP, 4WD, 13.6x24, 700 Hrs., 1 Rem., SMS, Power Assist Steering, w/770B Quick-Tach Bucket

WAS $12,900
NOW $9,000
SAVE $3,900

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4 WD, C/A, 20.8x38
(Duals), 5000 Hrs.,
2 Rem., 18F/6R

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84 Case 2290,
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2 Rem., PS..**$19,900**

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18.4Rx38, 3600 Hrs ,
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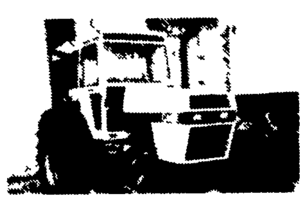
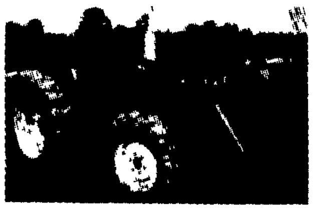


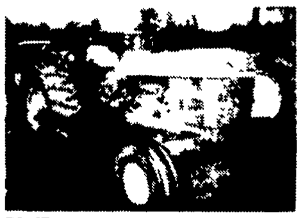
78 JD 4230, 100 HP, 2WD, C/A, 18.4x38, 6709 Hrs., 2 Rem., PS

WAS $14,500
NOW $10,900
SAVE $3,600



'79/80 IH 784, 65 HP, 4WD, 16.9x34, 3100 Hrs., w/2250 Loader, Hi-Lo

Was $12,900
NOW $11,900
SAVE $1,000



78 JD 2840, 180 HP, 2WD, 2 Rem., 18.4x34, 4631 Hrs., Hi-Lo

WAS $10,900
NOW $8,500
SAVE $2,400

81 Case 2090, 110 HP, 2WD, C/A, 18.4Rx38, 2500 Hrs., 2 Rem., PS

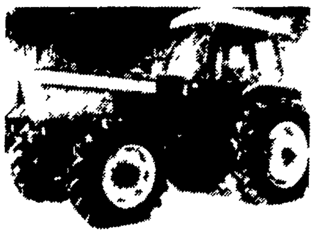
WAS $15,900
NOW $11,000
SAVE $4,900

84 MF 158-F (165), 55 HP, 2WD, Sims Cab, 13.6x28, 1100 Hrs., 1 Rem., Hi-Lo

$9,900

78 Buffalo Same, 120 HP, 4 WD, Cab, 18.4Rx38, 4700 Hrs., 2 Rem., 12F/4R, Front Linkage & PTO

WAS $17,900
NOW $14,500
SAVE $3,400



84 FD TW-25, 140 HP, 4WD, C/A, 3200 Hrs., 18.4Rx38

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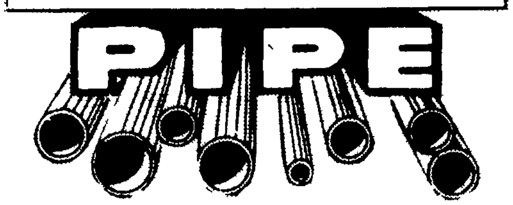

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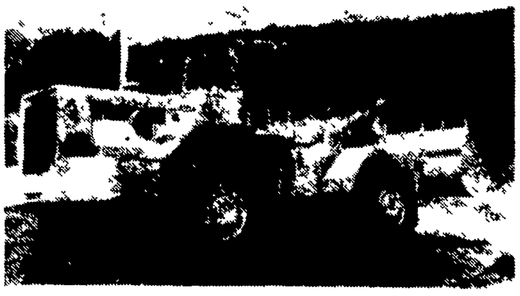

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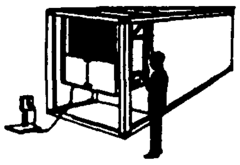

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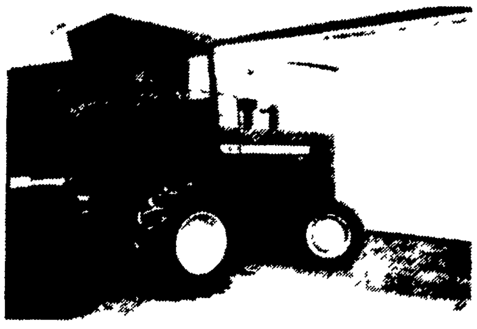

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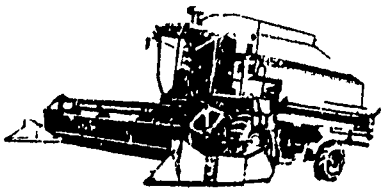

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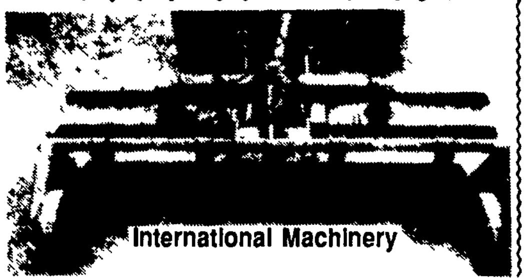

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- JD 4440 Dsl., Cab, Air, Power Shift, 20x38 Rubber, Very Nice
- JD 4440 Dsl., Cab & Air, 2200 Hrs., QR, Very Nice
- 1977 JD 4430 Dsl., Cab, Air, Quad, Excel. Cond.
- JD 4430 Dsl., Cab, Air, Quad, High Back Seat, Triple Hydraulics
- 1982 JD 4240 Dsl., Cab & Air, Power Shift, 18x38 Radials, 1500 Hrs., Exc. Cond.
- JD 4240 Cab, Air, QR, 2500 Hrs., Excellent Cond.
- 1987 JD 4050 Dsl., 15 Spd., Power Shift, 4 Post Roll Guard, Very Nice
- 1982 JD 4240 Dsl., Cab & Air, Power Shift, 3000 Hrs., Very Nice
- 1982 JD 4040 Dsl., Cab, Air, Power Shift, Very Nice
- JD 2940 Dsl., MFD, 1400 Hrs., Excel. Cond.
- 1985 2550 Dsl., MFD, 1300 Hrs., Exc. Cond.
- 1982 2640 Dsl., Hi-Lo, Ind. PTO, Very Nice
- JD 3020 Dsl. Side Console WF, Syncro Range
- JD 1530 Dsl., Hi-Lo, Indep. PTO, 38" Rubber, Rack & Pinion
- JD 950 Dsl., Roll Guard, 520 Hrs., Exc. Cond.
- IH 5088 Cab & Air, 20x38 Rubber, Very Nice
- IH 1486 Cab & Air, 2000 Hrs., 20x38, Very Nice
- IH 1086 Dsl., Cab, Air, 2500 Hrs., 20x38 Rubber, Very Nice
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- IH 1256 Dsl. w/Year-Round Cab, 3300 Hrs., Very Nice
- IH 986 Dsl., Cab & Air, 38" Rubber
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- 1975 IH 766 Dsl., 3PT, Dual Hyd., 38" Rubber
- 1979 AC 7000 Dsl., Cab & Air, Very Nice
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- Ford TW20, Cab & Air, Very Nice
- Ford 7000 Dsl., 2200 Hrs., Load Monitor, Very Nice
- Ford 2000 Gas, Power Shift w/Indust. Loader, No. 3PT, 1500 Hrs., Very Nice

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- JD 244, 2RW
- JD 443, 4RN
- JD 444, 4RW
- JD 444 Oil Bath
- JD 643, 6RN
- JD 643 Oil Bath
- IH 843 4RN
- IH 863, 6RN
- AC 238 Corn Head
- AC 43, Black, 4RN
- MF 1163 6RN
- MF 1143, 4RN

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- NI 327 Husking Bed to Fit 2R Pull Type
- NI 324 2RW 12 Roll Husking Bed, Very Nice
- NI 323 1 Row Corn Picker
- JD 300 Husker w/2 Row Head

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- JD RM 4R Cultivator, 3PT
- JD 158 Loader
- JD 146 Loader
- 18x38-18x34 Duals
- JD Roll Guard w/Metal Enclosure For JD Utility Tractor
- JD 145 Loader
- JD 700 Grinder Mixer
- IH #60 Stalk Shredder, Very Nice
- IH #50 Stalk Shredder
- IH 2350 Quick-Tach Loader
- Year Round Cab Fits IH 766-1566, 666, 686
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- Gehl 95 Grinder Mixer w/Hay Feeder Attachment

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- IH 735 Spring Reset, 5 Base, Variable Width
- IH 720 5x20 Spring Reset
- IH 720 5x20 Spring Reset, Onland Hitch
- IH 720 6x18 Spring Reset, Onland Hitch
- IH 710 7x18 Spring Reset, Onland Hitch
- IH 710 6x16 Spring Trip Onland Hitch
- IH 710 5x18 Spring Reset
- IH 710 5x18 Spring Reset, Onland Hitch Plow
- IH 710 4x18 Spring Reset Plow
- JD 4200 3 & 4 Base Roll-Over
- JD 2800, Spring Reset, 6 Base, Variable Width
- JD 2500 4x18 Spring Reset
- JD 2500 5x18 Spring Reset
- JD 2450 5x18 Onland Hitch

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- JD 7000 6 Row No-Til Liq. Fert., Insect. & Monitor
- JD 7000 4R Conservation, Dry Fert., Insect. Monitor, No-Till Coulters
- JD 7000 4R, Dry Fert., Insect. & Monitor Cap.

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- JD 340 12' Offset Disc, Like New
- JD 310 12' Double Offset Disc
- Neimeyer 10' Power Harrow, Excel. Condition
- IH 610 12' Offset Disc
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- Miller 11' Offset Disc New, 24" Blades
- Krause 15' Hyd. Fold Offset Disc, Excellent Cond.

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- IH 810 13' Grain Platform
- JD 213, 215 & 216 Flex Head
- IH 820 13' Flex Head
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- (1) JD 1209; Late Model, Very Good
- JD 530 Round Baler, Very Good
- JD 430 Round Baler
- JD 347 Baler w/Ejector, Very Nice
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- NH 1033 Bale Wagon, 105 Bale, Tandem Axle, Very Good
- NH 1012 Bale Wagons 56 Bale Capacity
- NH 849 Round Baler, Excellent
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- NH 499 Hydro Swing, Hydro Tilt, Very Nice
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- NH 326 Baler w/or Without Thrower
- NH 846 Round Baler, Very Nice
- NH 851 Round Baler, Very Nice
- New Farmco 18' Steel Side Hay Wagons
- NH 75 Hyd. Bale Thrower
- JD 5½ ' P.U. Head w/Clutch
- Gehl 1200 Harvester, Electric Controls w/ Pickup Head

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8 Ton Gear, 11Lx15 Tires
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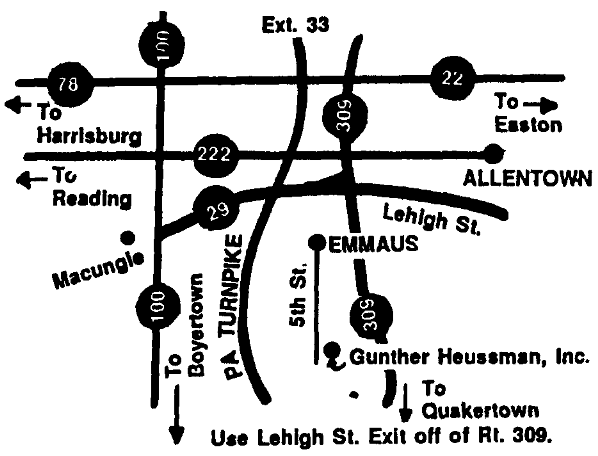

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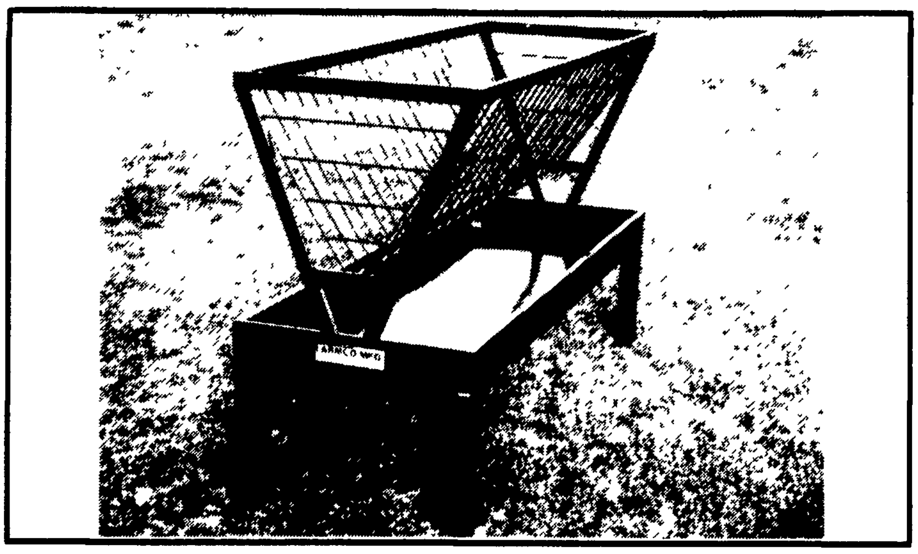
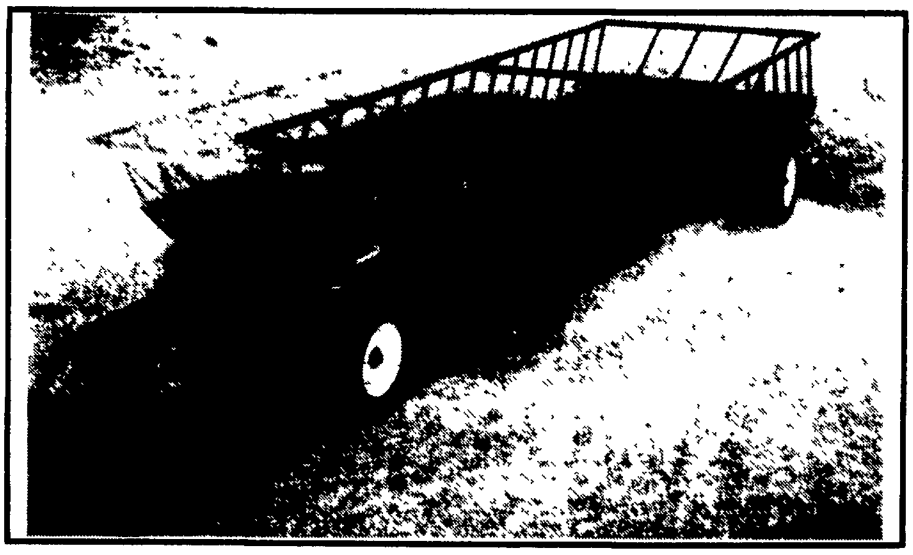
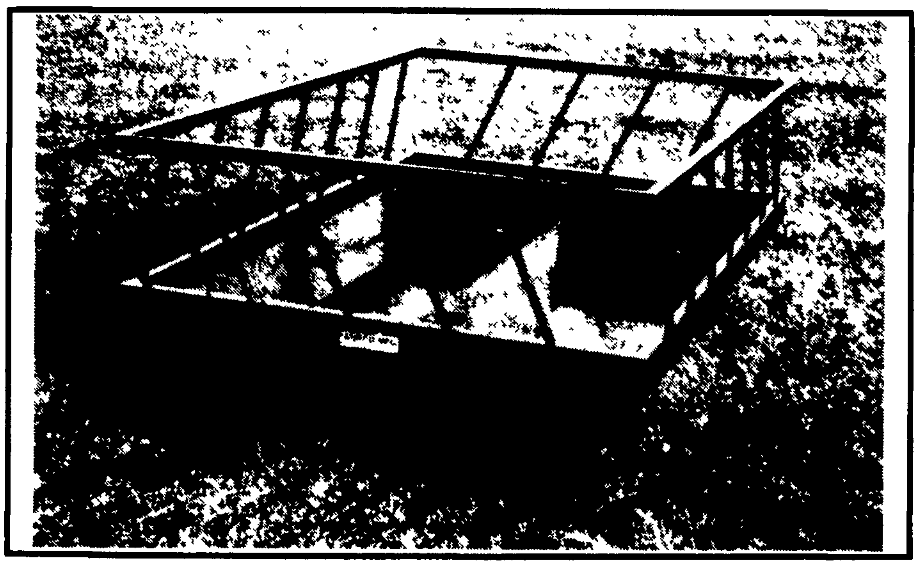


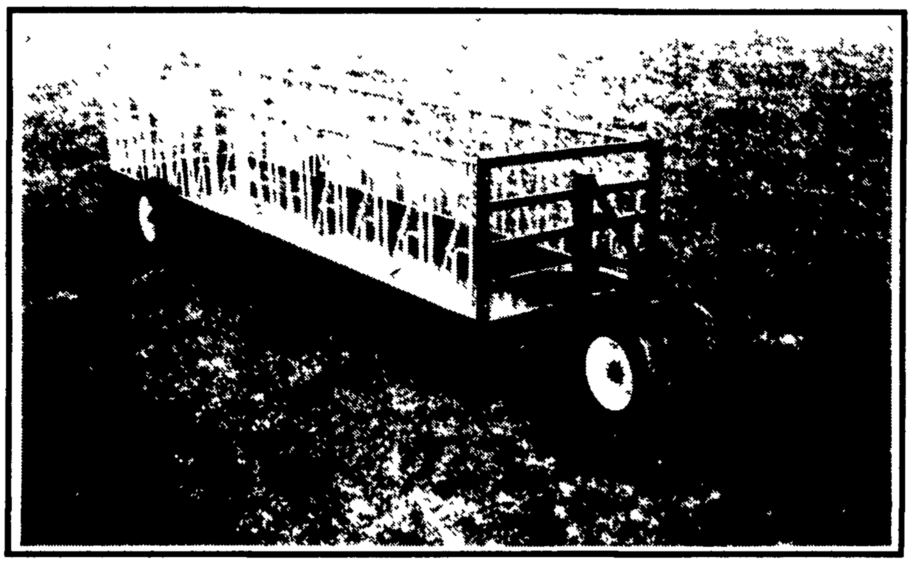
MODEL 832



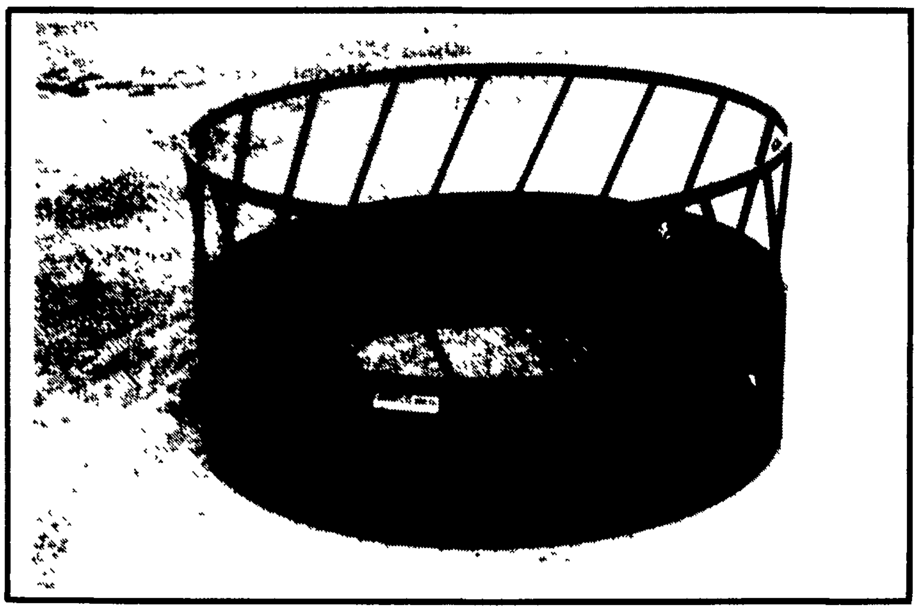
MODEL 720



MODEL 710



MODEL 520



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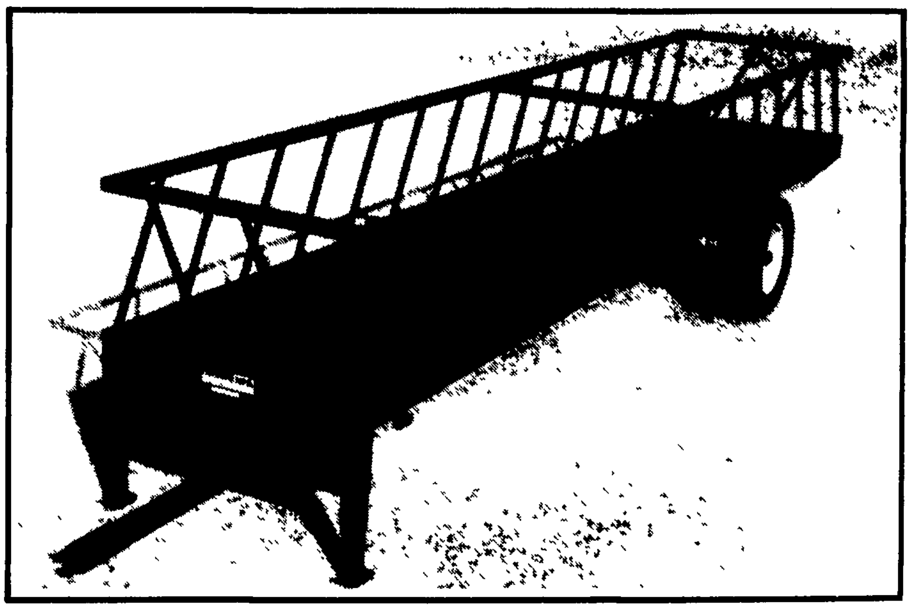

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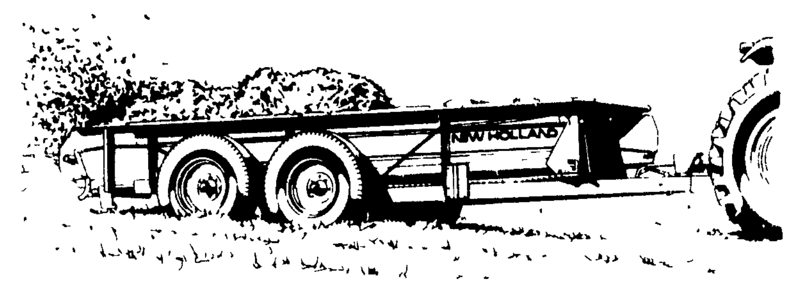

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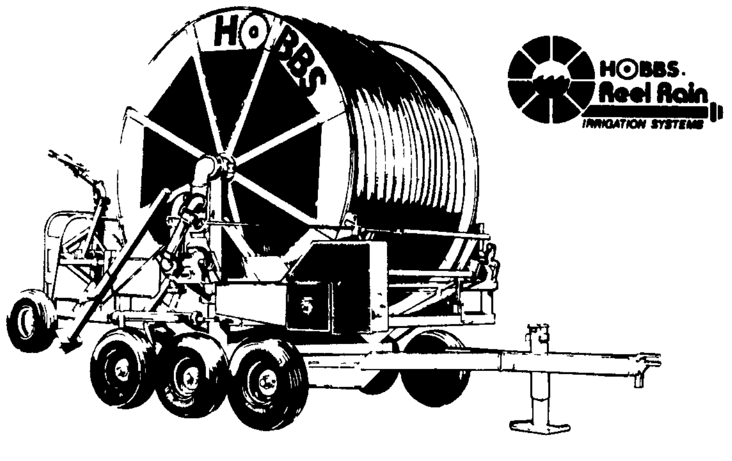

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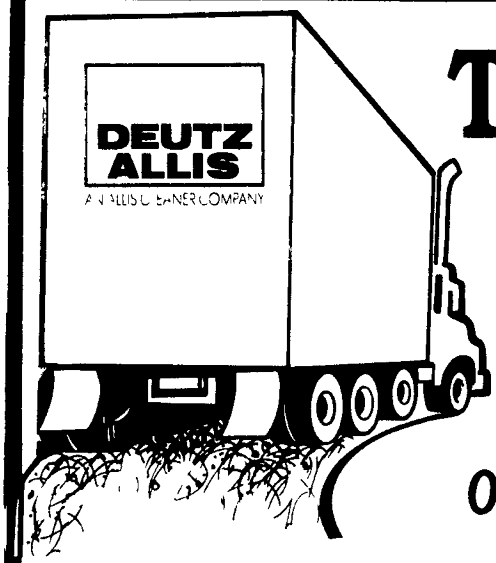

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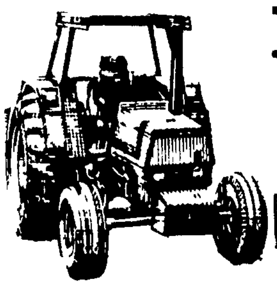

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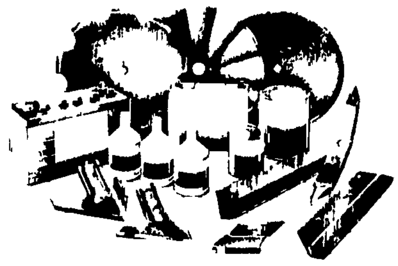

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- DA 5220 4WD w/Loader

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- White 5100 Air Planter, 6-Row
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- Hawk Bilt 2195 Spreader
- Hesston 5500 Round Baler
- JD 10 Ft. Disk Harrow

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- Case 446 w/Mower
- Woods RM48 Mower
- Gravely 812 w/Mower And Cultivators
- Satoh Beaver 370 Tractor w/Belly Mower and Front Blade
- Gilson Lawn Tractor- Ex. Condition
- Kubota F2100 w/5 Ft. Mower & Dump Grass Catcher
- Ingersoll 114 — Like New
- Woods 1850 Mowing Machine

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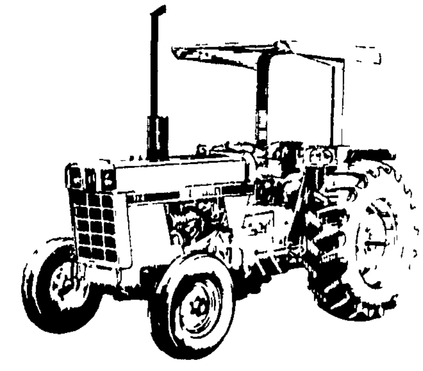

Int. 674, Int. 2544, Farmall 656 Hydro w/ Loader, Farmall 656, Int. 424, Int. 140's, Farmall H, J.D. 2940 w/Roll Bar & Roof, MF 1135, 1750 Oliver, 4000 Ford, 2600 Ford w/Snow Blade and Cab, 600 Ford, Jubilee Ford, 8N & 9N Fords, Simplicity 9518 w/Loader, B8200 Kubota w/Hyd. Angle Blade, BG Moline w/3 pt., New L2050 Kubota, MF 150, Huber F-1500 Grader, Ditch Witch R30 Trencher w/ Cable Layer, Michigan 35A Payloader, Haugh H90D Payloader, N.H. LB620 Backhoe & Loader, 4500 Ford Backhoe & Loader, 3550 Ford Backhoe & Loader, Int. 3500 Backhoe & Loader, 3500 Ford w/Loader, 3400 Ford w/Loader, 4400 Ford w/Loader, KD Forklift, Int. 100C Crawler Loader, Dresser 125E Crawler Loader, 3 pt. & Semi Mt. Auto Reset Plows, Disk Harrows, 3 pt. Scraper Blades, Snow Blades, New Woods Rotary Mowers at SPECIAL Prices, Large Selection of New, Used & Reconditioned Equipment.

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- NH TR-70 1979 Combine w/13' Grain Head And 6RN Corn Head
- NH TR85 4WD w/Grain Head

HAY & FORAGE

- NH 489 Haybine
- NH 38 Crop Chopper
- NH 469 Haybine
- NH 30 Forage Blower
- NH 315 Baler w/Thrower
- NH 283 Baler w/Thrower
- NH 278 Baler w/Thrower
- NI 272 Cutditioner
- NH 782 Harvester w/New Heads
- NH 717 w/2 Row Cornheads
- Gehl 5100 Round Baler
- NH 256 Rake
- Kuhn G2 Tedder
- NH 1495 Self-Prop. Haybine, Dsl.

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- **Ford** 6600 Diesel Dual Power Royal Cab, Weights Front & Rear 2 Remotes
- **Ford** 5000 Gas
- **Cub** Lo-Boy w/Woods Mower
- **Ford** 1910 4WD w/Ldr.
- **MF** 35 w/Multi Power
- **AC** WD w/Picker
- **Ford** 1320 4WD, Hydro w/Ldr.
- **Ford** 600
- **TW15** 4WD, 188 Hrs.
- **TW15** 4WD w/80 Hrs.
- **TW35** 4WD

MISCELLANEOUS

- **Woods** Mower 72" Belly Mtd. For 1910 Ford
- **NH** Grinder Mixer 358, New Tank And Augers
- **IH** 1150 Grinder Mixer
- **NH** 357 Grinder Mixer
- **NH** 513 Spreader

TILLAGE

- **Ford** Demo Soil Saver 9 Teeth
- **New Wilrich** 10 Tooth Chisel, 3 Pt.
- **Ford** 152 6 Bot., Auto Reset
- **Ford** 101 2 Bot. And 3 Bot. Trip Plow
- **JD** 5X Plow
- **Brillion** 16' Harrow

USED INDUSTRIAL TRACTORS

- **Ford** 455 TLB w/Extenda Hoe 2 Lever 74 Hrs.
- **Ford** 555B 2 WD 14 Ft. Hoe Cab 2 Lever 199 Hrs. 16.9-28
- **NH** L775 Skid Loader, Gas
- **Ford** 4500 TL
- **Cletrac** Dozer Model AG
- **Ford** 555 4 Post ROPS
- **Caterpillar** D5 Dozer w/6-Way Blade
- **NH** L-35 Skid Loader, Gas w/Snow Blade
- **445A** TL 3 Ph., 47 Hrs.

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GREEN MACHINE TRIMMERS & STIHL SAWS

HUDSON TRAILERS

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KEWANEE TILLAGE

MEYER SNOW PLOWS & ACCESSORIES

MITSUBISHI TRACTORS

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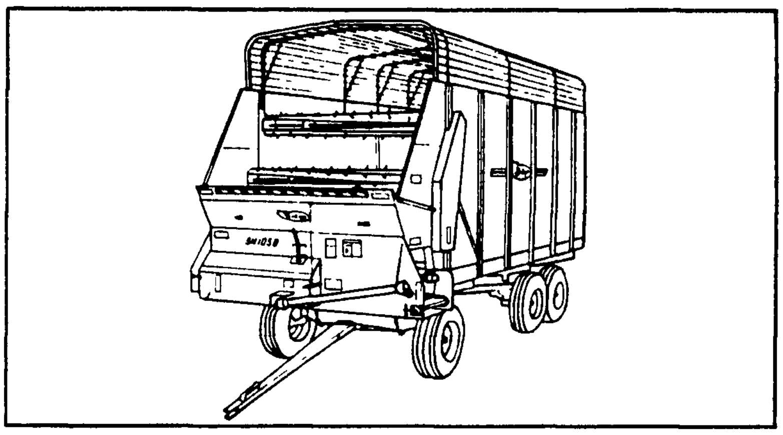
Forage Boxes Built for the Long Haul!



- High strength alloy steel frame
- 23½" wide high speed cross conveyor
- Three slant back spiral beaters
- Galvanized roof with multiple reinforced cross ties and "knee braces"
- Treated plywood sides and deck with lifetime guarantee
- Choice of 14', 16' or 18' models

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Lawn & Garden

USED TRACTORS

JD 4640, cab & air
JD 4630, cab & air
JD 4440, cab & air, quad range
JD 4440, cab, air, power shift
JD 4240, PS, cab & air
JD 4240, PS, 4 post
JD 4230, 1976, cab & air, QR
JD 4230 fender, quad range
JD 4430, cab & air, sharp
JD 4050, PS, 4 post
JD 4040, cab & air, quad range
JD 4030, cab & air
JD 4020 diesel
JD 2510
JD 2840
JD 2355, like new
JD 2240 w/cab
JD 2240 w/loader
JD 2040 w/loader
JD 2030
JD 3020 diesel
JD 3020 gas w/loader
JD 950
JD 850 w/mower
IH 3688 w/cab & air
IH 5288, cab & air
IH 3688, 4WD
IH 1486, cab & air
IH 1086 w/cab & air
IH 1066 w/cab
IH 986, cab & air
IH 966 w/cab, low hrs.
IH 584, 4WD w/loader
IH 584, 4WD
IH 656 gas
IH 684
IH 786 w/2,000 hrs.
IH 884 w/1,500 hrs.
IH 886, 4 post
IH 84 hydro
Ford 9700, cab & air
Ford 8600, cab & air, 2,200 hrs.
Ford 3400 w/loader
Ford 2000
Ford 3000
Ford 335 w/loader

JD 4650, power shift, 1,100 hrs., w/duals

IH 2096, cab & air, 582 hrs.

INDUSTRIAL

MF 40B forklift
NH 779 skid steer
Gehl 4510 skid steer
Ford CL55, used 1,000 hrs.
Woods 3 Pt. Hitch Backhoe

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" spring reset plow
IH consertill 13'
IH consertill 10'
JD 3 btm. roll over plow
JD 4 btm. roll over plow
JD 7 btm. on land hitch
IH 710 8 btm. 18" spring reset, on land hitch
IH 710 7 btm. on land hitch
IH 710 6 btm. on land hitch
IH 720 6 btm. 18" toggle trip
IH 720 5 btm. 18" toggle trip
JD 2500 5 btm. 18" spring reset
JD 2500 6 btm. spring reset
JD 2600, 4 btm., varied width

USED COMBINES

244 JD corn heads
444 JD corn heads
443 corn heads
JD 4400 diesel, 1,500 hrs., sharp
JD 4400, gas
JD 215 flex head

HAY EQUIPMENT

JD 1207 7' haybine
IH 7' haybine, like new
NH 478 haybine
JD 336 baler
JD 346 wire baler w/thrower

MISCELLANEOUS

NI 2 row wide, 8 roll bed
NI 2 row wide, 12 roll bed
JD 12' mulcher
Gehl 120 grinder mixer
JD 3RW harvester head, like new
Fox 3 row narrow corn head
IH 5100 grain drill
Kewanee mulcher, like new
Amco 13' rock-flex disc
Kewanee 18' hyd. fold disc
Kewanee 21' hyd. fold disc
Kewanee hyd. fold 20' roller harrow, like new
'74 GMC 6000, cab & chassis, 5 spd.-2 spd., power steering
'84 GMC 7000, cab & chassis, 5 spd.-2 spd.

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NI 900 6 row double frame corn planter with frame mount no-till coulters, with (5) JD 7200 style, inner plant units for 15" soybean, dry fertilizer, 2 years old.

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7' Bush Hog Mower, Hydraulic Lift, Rubber Tires, Good Condition $850
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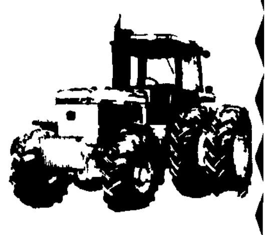

Tractors

1984 JD 4850 MFWD duals & weights
1985 4650 MFWD duals & wts., power shift
JD 4450 power shift factory cab & air, 714 hrs., very nice
JD 4250 2 wheel power shift, factory cab & air, very nice
JD 2950, cab w/air, 1800 hrs.
JD 2950 2 wheel fender tractor
JD 4640 cab, air, quad, rebuilt engine w/ duals, very nice
1980 4440 cab, air, quad
'79 JD 4440 cab, air, quad
1982 JD 4240, power shift, cab, air, 2500 hrs., very nice
1982 JD 4240 power shift, cab & air, very nice
1982 4240 quad, cab, air, sharp, 2350 hrs.
JD 4040 quad, cab, air, very nice
JD 2940 w/mechanical front
JD 4430 factory cab & air, quad range
JD 4430 cab, air, power shift
JD 4230 cab, air, quad, very nice, recent engine overhaul, radials
JD 4230 quad, cab & air
JD 4030 gas, WF, fender tractor
JD 2630 w/hi-lo, very nice
JD 2630 w/reverser, cab, recent overhaul
JD 4320 w/fac. cab
JD 4320, cab and air
JD 3020 gas
JD 2020, gas utility
JD 620, LP gas, 3PT, PS, very nice

JD 450C w/6 way blade

Case IH 1989 model 7110 Magnum w/170 hrs., 2 wheel drive, like new

JD 620, LP gas, 3PT, PS, very nice
IH 5288 MFWD cab, air, nice, '84 model
IH 3688 factory cab & air
IH 3088 radials, '84 model, sharp
IH 1486 factory cab & air
1981 IH 1086, factory cab & air, very nice
IH 1086 factory cab & air, 1909 hrs.
IH 1086, ROPS
IH 1066, fender tractor, very good
IH 1066, fender tractor, new TA, sharp
1980 IH 986 factory cab & air
(2) IH 986, cab & air, new TA
IH 986, ROPS
IH 886, fac. c SOLD ir, radials
IH 786, 4 post
IH 1566, red cab, w/air, sharp
IH 1466 red cab w/air
IH 966 fender tractor, WF, 3PT
IH 966 w/cab, clean
IH 966 w/rebuilt hydro
IH 766 w/year round cab, nice
IH 856 fender tractor, WF w/complete engine overhaul, very nice
IH 856, 3PT, WF, cab
IH.826 D, gear, 3PT, WF
IH 784, 1050 hrs., very nice
IH 784 row crop w/1900 hrs.
IH 684 w/cab
IH 584 utility w/1050 hrs.
IH 674 diesel, very nice
Farmall 300, gas
Allis Chalmers CA w/NF
Yanmar 276 28HP diesel, 4 wheel, 231 hrs. w/Woods belly mower

Uni Systems

NI 708 hydro, cab & air, very nice
NI 702 gas w/cab & air
NI 813 & 815 (low acre flex heads)
NI 711, 713 & 715 grain heads
NI 710 combine, good machine
(2) NI 717 combine (1 late model)
NI 767 Super chopper w/3RN and hay head
NI 846, 6RN
NI 725, 735, 738 corn head
NI 727 husker, low acres, very nice
NI 727 husker & 737 husker

Implements & Misc.

IH 450 fully mt SOLD . reset, 4x16"
Owatonna 345, Ford 4 cyl. Ind. gas engine, skid loader
Cabs for IH 706 thru 1466
Dual wheels - 34's and 38's
Tractor Weights JD & IH
Complete rebuilt M&W Turbo kit for IH 856
Wilrich 9 Shank Chisel w/Front Cutter Blades
JD 1610 pull type spring tooth chisel
IH 475 19' disk, hydraulic wing fold
JD KBA disc 8'

Heads

(2) MF 1143 4RN corn head, good cond.
MF 1144 4RW corn head
NEW MF 9113 flex heads
MF 1859 13' flex w/U11 reel
MF 13' grain head
(2) IH 863 6RN
IH 943, 4RN
IH 820, flex 13'
IH 810 15' grain head
JD 643, 6RN
JD 443, 4RN
JD 443, low profile, 4RN
JD 216 flex head, nice
(2) 215 flex heads, nice
JD 215 flex, needs rebuilt
JD 213 flex head
(2) JD 100 series rigid 13' heads, very nice
JD hay pickup head, 5½'

Combines

JD 6620 side hil SOLD model, very nice
1984 6620 level land, very nice
JD 7700 diesel, hydro w/air, 1978
JD 6600, diesel, air, 1976 model, nice
JD 4400 diesel, '76 model w/air
MF 850, 4WD, 1300 hrs., 1982 model

Used Parts

IH 544 diesel, hydro Farmall
IH 504 utility
IH 856 diesel
IH 706 diesel
IH 1256
IH 70 hydro
IH 806 diesel & gas
IH 560 D
Farmall 400 & 450 D & gas
NI 702 D & 701 G
JD 4020 dsl., powershift
JD 3020 G
NI 717 combine
IH 706 gas tractor
Farmall H & M
IH dual PTO units
IH 826 diesel

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2 GMD77HD Heavy Duty 9'2" Disc Mowers	$4,650.00 ea.
1 FC300-M Disc Mower Conditioner w/Finger/ Comb Conditioner	$10,500.00
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3 FC350GD Disc Mower Conditioner; 12 ft. Cut	$14,500.00 ea.
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NEW: WHITE FARM EQUIPMENT

1 120 White Row Crop Tractor w/20-8-38 Tires	$34,800.00
1 348 Spring Automatic Reset 3 pt. Plow (3 Bottom)	$3,500.00
1 281 10'10" Offset Disc Harrow	$7,000
1 423 3 pt. 14 ft. Chisel Plow	$3,200
1 435 10 ft. Conservation Chisel Plow Pull Type	$5,500
1 435 14 ft. Conservation Chisel Plow Pull Type	$7,850
1 445 9 Ft. Conservation Chisel Plow Pull Type	$6,950
2 5100S 5 Row Soybean Splitter Attachment (No Till)	$5,850
1 6100 6 Row No-Till Special Corn Planter	$13,500

NEW: KEWANEE FARM EQUIPMENT

1 500 40 ft. Grain & Hay Elevator w/ Telescoping Down Spout	$2,950
1 1500 12 ft. Transport Cultimulcher	$4,550.00

USED WHITE TRADE-IN'S

1 2-110 White 2 Wheel Drive Tractor Low Hrs.	Call For Price
1 1955 Oliver Dsl Wide Front	$8,500
2 1855 Oliver Dsl. Wide Front	$7,550 ea.
1 1750 Oliver Dsl. w/Cab	$5,350
1 1655 Oliver Dsl. w/New Motor	$6,850
1 1650 Oliver Dsl	$3,850
4 550 Oliver Gas Tractors Priced From $1850 to $4550	
1 543 White 4 Row Corn Planter	$1,950
2 5100 White 4 Row Corn Planters	$4,500 ea.
1 1700 Owatonna Skid Loader w/3 Buckets	$2,650
1 CL40 Ford Skid Loader w/2 Buckets	$4,550
1 S-55 Oliver Gas Tractor	$2,550
1 OC-6 Oliver Crawler Tractor w/Blade	$3,000
1 G-750 Minneapolis-Moline Tractor w/Cab (Same as Oliver 1655)	$6,250
1 252 White 10 Ft. Disc Harrow (Sharp)	$2,250
1 International 10 Ft. Transport Disc	$1,550
1 WD45 AC Wide Front Power Steering	$1,550
1 400 International Gas Tractor	$1,550
1 2-150 White Tractor w/Cab & Air	$12,500
1 2-70 White Wide Front Tractor	$7,500

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NEW: FORD TRACTOR

1 CM224 4 Wheel Drive w/60" Commercial Mower	$10,750
1 1120 4 Wheel Drive Hydrostatic Tractor w/48" Mid Mount Mower & Turf Tires	$7,250
1 1320 4 Wheel Drive Gear Transmission w/Ag Tires	$9,650
1 1520 4 Wheel Drive Gear Transmission w/Ag Tires	$10,050
1 1720 4 Wheel Drive Shuttle Transmission w/Ag Tires	$9,950
1 1920 4 Wheel Drive Shuttle Transmission w/Ag Tires	$11,500
1 3930 4 Wheel Drive, 8x8 Synchronize Transmission w/Ag Tires	$17,100
1 5610 Special Tractor; 16.9x30 Rear Tires	$15,058
1 6610 4 Wheel Drive 16x8 Synchronize Trans. & 18.4x34 Rear Tires	$30,500
1 8210 4 Wheel Drive w/16x8 Synchronize Trans. & 18.4x38 Rear Tires	$35,000
1 455C Tractor Loader-Backhoe w/16.9x24 Rear Tires	$27,200

DEMO FORD TRACTORS

1 3910 2 Wheel Drive Ag Tractor w/95 Hrs. (1989 Model)	$11,500
2 6610 2 Wheel Drive w/Cab, Air and Heat 18.4x34 Rear Tires, About 200 Hrs. 1990 Model	$23,500

USED FORD TRACTORS

1 3910 2 Wheel Drive Dsl. w/Cab	$11,500
1 8000 Dsl. w/18.4x34 Rear Tires	$5,250
1 8000 Dsl. w/18.4x34 Rear Tires	$6,250

NEW: FORD LAWN & GARDEN

2 YT 12.5 Yard Tracators w/38" Mowers	Call For Prices
2 YT 12.5 Yard Tractors w/42" Mowers	Call For Prices
2 YT16 Gear Tractors w/48" Mowers	Call For Prices
2 YT16H Yard Tractors w/48" Mowers	Call For Prices
2 YT18H Yard Tractors w/48" Mowers	Call For Prices

NEW: NEW HOLLAND FORAGE EQUIP.

1 28 Forage Blower (540 rpm)	$3,000
1 900 Forage Harvester w/Metal Alert & 12 Knives & 31x13.5x15 Tires, 13/8" PTO	$13,000
1 990W Windrow Pickup Head	$2,700

NEW: NEW HOLLAND HAY TOOLS

1 132 21 Ft. Bale Elevator	$581.03
1 144 Windrow Inverter	$3,250.00
1 254 10½ Ft. Tedder Rake	$3,125.34
1 256 Rake w/Hitch & Jack & Rubber Teeth	$2,850.00
1 256 Rake w/Hitch & Jack & Steel Spring Teeth	$2,575.00
1 258 Rake w/Hitch & Jack & Rubber Teeth	$3,050.00
1 451 7 Ft. Sickle Bar 3 Pt. Hitch Mower	$2,425.00
1 492 Mower Conditioner w/Standard Guards and Hydraulic Lift (Kit)	$8,550.00
1 72 Belt Bale Thrower	$2,550.00
1 75 Kicker Bale Thrower w/Electric Controls	$2,550.00
1 570 Twine Hay Baler	$8,950.00
1 575 Twine Hay Baler w/Hydraulic Bale Tension and Pickup Lift	$10,500.00
2 630 Round Hay Baler	$8,800.00 ea.
1 848 Round Hay Baler w/wide Pickup and Net Wrap	$11,300.00
1 1038 Bale Loading Wagon	$23,500.00

NEW: NEW HOLLAND SPREADERS

1 304 Side Delivery w/1225 Side Extensions	$5,250.00
1 520 Spreader w/T-Rod Chain & Splash Guard	$3,550.00
1 680 Spreader w/T-Rod Chain & Splash Guard	$5,315.60

NEW: NEW HOLLAND GRINDER MIXERS

1 355 Mechanical Mill w/31x13.5 Flotation Tires & 3 ft. Unloading Auger Extension	$6,995.00
1 358 All Hydraulic Mill w/#10 Electrical Scale & 10 Ft. Unloading Auger Extension	$11,750.00

NEW: NEW HOLLAND SKID LOADERS

1 455 Dsl. w/27x10.5 Tires & 60" Utility Bucket & Front and Rear Mud Guards	$10,995.00
1 555 Deluxe Skid Loader w/10x16.5 Tires & 62" Dirt & Foundry Bucket	$15,500.00

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1 9030 Bi-Directional Tractor w/2360 Hyd. Loader (Loaded With Extras)	$48,000.00

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1 269 New Holland Hay Baler & Thrower (1 owner; Sharp)	Call For Price
1 440 International Hay Baler & Thrower (1 owner; Sharp)	$1,550.00
1 Case Roller Bar Hay Rake	$650.00
1 469 New Holland Haybine	$2,350.00

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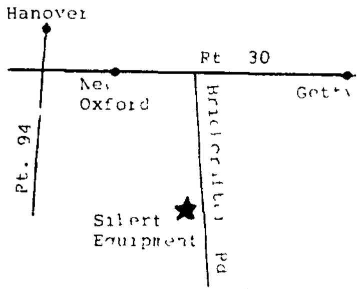

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TRACTORS
- (2) 8N Fords (L)
- Ford 1710, 4WD w/770B Loader
- IHC 684

FORAGE
- NH No. 23 Blower
- NH 30 Blower
- NH 718 2-Row Forage Harvester
- Gehl 72 6-Ft. Flail Chopper

SKID LOADERS
- Case 1816 w/Dirt Bucket

TRACTORS DISMANTLED FOR USED PARTS
- Oliver 550
- Oliver 77
- Oliver 1650
- Oliver 1955
- Oliver 1750

LAWN & GARDEN
- Ford LT11 Lawn Tractor
- Simplicity 4212 Lawn Tractor w/Mower
- Cub Cadet 128 w/38" Mower
- Cub Cadet 582 w/44" Mower

TILLAGE & PLANTING
- IH 455 4 row Planter
- IH 400 4 Row Planter
- Oliver Drag Type Harrow
- Oliver 242 Disk

HAY TOOLS
- NH 499 Haybine
- NH 310 Baler w/Thrower
- NH 275 Baler w/Thrower
- NH 411 Discbine (L)
- IH 440 Baler w/No. 10 Thrower
- JD 10 Side Mtd. Mower
- Ford 5 Ft. Rotary Mower

GRINDER MIXERS
- NH 357

SPREADERS
- IH 540 w/Hyd. Endgate

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- Case 530 Spreader
- Case IH 415 Packer Mulcher, 10 Ft. 1" Demo.
- Case IH 8360 12 Ft. Hydroswing
- Case IH 8320 7 Ft. Mower Conditioner
- Case IH 8530 Twine Baler w/Thrower
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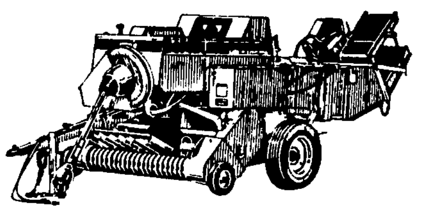

Case IH Combines In Stock
Case IH 1660

- Case IH 8520 Twine Baler w/Thrower
- Case IH 8420 Round Baler
- Case IH 8430 Round Baler
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NEW! CASE 1840 UNI-LOADER IN STOCK!

MAGNUM IS HERE!
7110 2WD - Demo
7110 SOLD Demo
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Case IH 540 Spreader
Case IH 560 Spreader
Case IH 2255 Loaders
Case IH 1043 Cornhead, 4 Row
Case IH 1020 Platform, 15 & 16½

Over 20 200-Series Case-IH Compact Tractors In Stock!

Case IH 145 Rollover Plow, Auto. Reset- In Stock
Case IH 475 Disk Harrow, 11'6 Cushion Gang, 7½ " Spacing
Case IH 496 22'2", 7½ " Spacing
Case IH 496 24' 10 Disk Harrow
Case IH 496 19'1 Disk Harrow
Case IH 496 18'7 Disk Harrow
Case IH No 10 Sub-Soiler, Manual Reset
Case IH 415 Packer Mulcher, 12'2
Case IH 183 6-Row Cultivator

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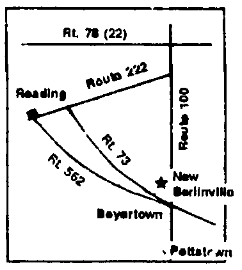

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THE LEADER IN BARN CLEANER CHAIN

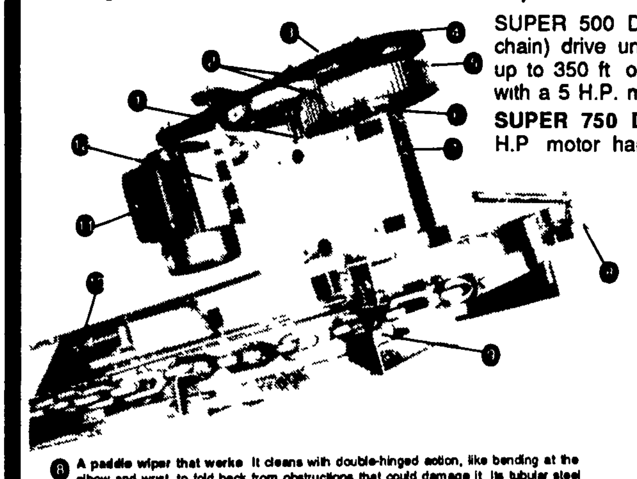
Super Drive Power!

Super 500 barn cleaner...for pulling up to 550 feet of chain
Super 750 barn cleaner...for pulling up to 700 feet of chain

SUPER 500 DRIVE· The Super 500 spur gear (not roller chain) drive unit handles up to 250 ft. of chain with 2 H.P up to 350 ft of chain with 3 H P and up to 550 ft. of chain with a 5 H.P. motor.

SUPER 750 DRIVE: The Super 750 drive unit with 7½ H.P motor handles up to 700 ft. of chain. The main gear is cast from ductile iron to provide the extra strength required for cleaning large barns

Both units are packed with power and built to last



① **Idler shaft support tube:** Welded (not bolted) at top and bottom of frame to maintain gear alignment.
② **Heavy bronze bearings** Feature grease groove and zerk for proper lubrication
③ **Heavy tie bar·** Constructed of 3/8 in thick steel to keep gear shafts in proper alignment for efficient power transmission under load
④ **Heavy cast-iron pulley** Double A groove is 15 in in diameter Double belt provides positive drive traction
⑤ **Massive 52 lb. main gear.** Built for power Has precision-finished teeth on a 3 in wide face
⑥ **Main shaft support tube** Tube with replaceable bronze bearings is welded to the frame top and bottom to maintain proper bearing alignment under load
⑦ **Welded box design·** Main frame is rugged massive and built of steel plate Precision matching of the drive unit as well as precision welding prevents misalignment under the heaviest loads
⑧ **A paddle wiper that works** It cleans with double-hinged action, like bending at the elbow and wrist, to fold back from obstructions that could damage it Its tubular steel construction (not a rod) adds years of life
⑨ **Chain stripper.** Guides Hook-Link chain off the heat-treated five-tooth drive sprocket.
⑩ **Chain tighteners·** Include 1 in diameter adjusting screw and automatic spring-loaded arm in the flatbed return chute
⑪ **Thermal overload:** Protects the motor for efficient service and longer motor life
⑫ **Proper belt tension·** Attained by adjustable bolt with set screw that moves the motor back to take out belt slack.

J-STAR BARN CLEANER CHAIN - Face The Facts

FICTION: The Stronger the Chain the Longer it will Last...

FACT 1. The life of barn cleaner chain is not directly affected by its tensile strength. The strength of a new chain considerably exceeds the maximum pull of the drive unit. For example, the pull of a J-Star model 750 drive unit - the heaviest and fastest drive on the market - is only 33% of the tensile strength of J-Star's hook link chain. Enough said!!!

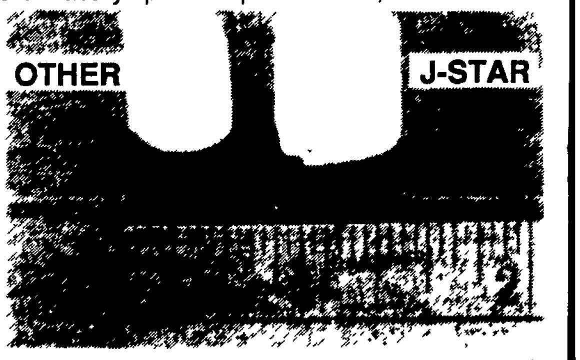
FICTION: All Hook Link Chain is Basically Alike...

FACT 2. The life of barn cleaner chain, for a given installation, is affected by its wear area and hardness. The greater the wear area, and/or the harder the wearing surface, the longer a link will wear before it ultimately pulls apart. Now, how does J-Star chain stack up?

* J-Star chain is hardened by the same process to the same hardness range as all competitive hook link chain — NO DIFFERENCE HERE!

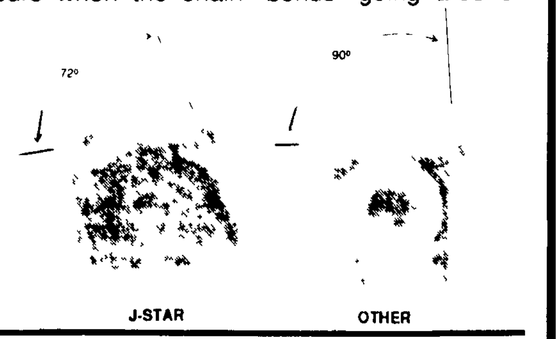
BUT...

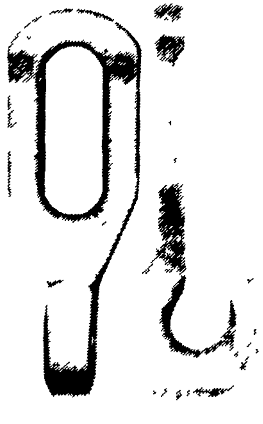
* The first point in a chain to fail from wear is usually the end of the eye. J-Star chain, as compared to the other brand for example, has 35% more area in the hook link eye. Note the graphic difference shown below.



FICTION: The Life of a Barn Cleaner Chain has Nothing to do with the Kind of Drive Unit Used With It...

FACT 3. A chain wears at the point where the links contact one another. The rate of wear for a given installation increases as the amount of "grinding" between hook and mating eye increases. This "grinding" occurs when the chain "bends" going around corners, such as corner wheels, reverse curves, hold-down shoes or wheels, and around drive sprockets. Most competitive barn cleaners are about equal in the degree to which they "bend" the chain going through most of these points. **HOWEVER** - hook link chain does "grind" less when it goes around the J-Star 5-tooth drive sprocket than when it goes around the other brand 4-tooth sprocket.





All-forged Hook-Link® chain... available on Super 300 and Super 500 barn cleaners

Extra thick steel at all wear points

IMPORTANT: Look for the "parting line" on any barn cleaner chain you buy. It shows where excess metal has been trimmed off. It is your assurance that the link was totally forged, not just punched out of a flat steel bar with grain flow in one direction only.

You want a totally-forged link because forging changes the grain of the steel, causing it to curve in unbroken flow lines around the contours of the link, giving the link greater strength to serve you longer.

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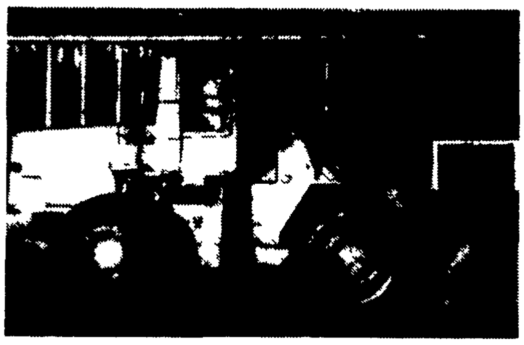

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- AC FKS dsl w/heads $7000
- AC C2 diesel w/grain 4R 38" & 4R 30"
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- (2) AC F-2 diesel w/heads
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- AC F diesel, new motor w/ heads
- AC G w/grain & 6R 30" & 4R 38" head, real nice
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- MF 510 w/4R 30" & grain
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- MF 410 diesel quick tach w/ heads
- Massey 60 w/10' grain
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- MF 510 diesel, hydro w/ heads
- MF 410 dsl, hydro w/heads
- MF 300 diesel, quick tach w/ heads
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- IH 715 hydro diesel w/grain & corn
- IH 715 hydro diesel w/late heads
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- NH TR70 Ford diesel, choice of heads
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- MM 335 WF w/loader and 3PT
- MM 5 Star, 3PT, PS
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- Kubota B6000 E, lawn type, diesel, w/3PTH
- Case SC w/loader, nice
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- Ford 8N, good tractor
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- IH 826 diesel gear, WF, $5800
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- IH 340 low utility WF, PS
- IH 450 w/power steering
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- JD 1520 gas
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- AC WD, gas
- AC HD5 crawler/loader
- AC C w/side mtd mower
- AC D17 diesel, WF & loader
- AC HD5 diesel crawler loader
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- Farmall 656 gas, NF, nice
- Farmall 450 gas, power steering
- Farmall Super MTA
- Farmall 230 w/fast hitch
- Farmall Super H, good paint
- 1939 Farmall H, $1175
- Farmall Super MTA
- Farmall H
- (3) Farmall F14, 2 w/ mounted plow
- Oliver 1600 gas
- Oliver 770 gas, WF
- Oliver Super 88 WF
- Oliver 88 gas
- Oliver Super 66 WF
- Oliver 66 gas, nice
- Oliver 1655 diesel, WF, $4,500
- Oliver 60 & 66, nice
- Oliver OC3 crawler w/PTO & pulley
- Oliver crawler w/roll guard
- IH 806 diesel, WF
- IH 504, power steering, 3PT
- IH 400 Dsl. w/power steering
- C Allis w/belly mower
- Ferguson 30, 3PT, $1,950
- Steiger Wild Cat w/210 HP, Cat 4WD 3PT duals front & back
- Super C w/fast hitch

LOADERS

- AC fits D19
- AC fits D17
- (3) Fords w/hyd. bucket
- Snow blades for loader or front mounted
- IH HD fits IH 350 utility
- IH fits Super M
- JD 46 loader
- JD 45 w/mts
- Late Oliver White w/wide bucket
- NI w/wide bucket
- Sauder fits Ford 800 8N & 9N

SPREADERS

- NI late 243, nice
- NI 214 w/gate
- NI ground drive, nice

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- (2) JD 6' pull type
- Ford 6' pull type
- 20 New 6' 3PT IHMC
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- IH 3PT belt drive

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- IH 700 5x16 semi, $1350
- IH 650 6x16 semi, $1200
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- IH 5x16 semi 550, $675
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- JD 4R tool bar cultivator, $375
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- NH 456 pull type mower w/ crimper hitch
- Case 3PT
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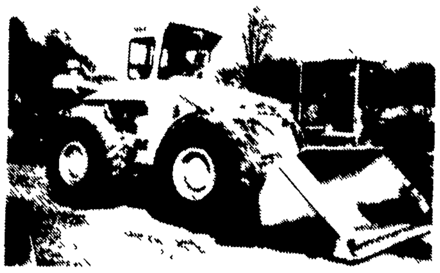

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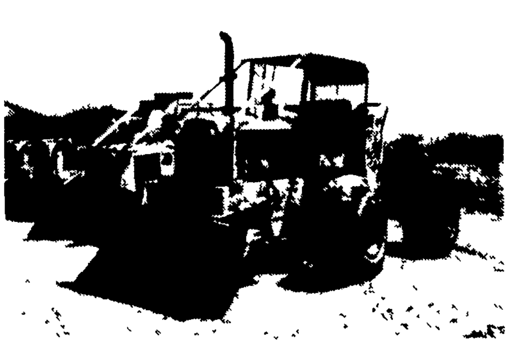

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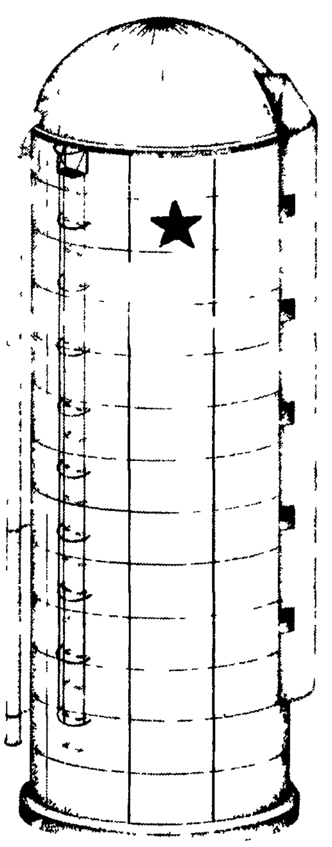

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Silo-Matic's
NEW STAR ATTRACTION
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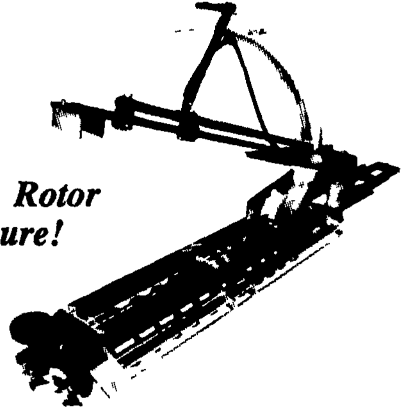
Silo Unloader



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Check your silo now for possible needed maintenance. If you have been using your silo for 10 years or longer for corn or haylage, it might be time to GUNITE. Please call for an inspection and estimate.

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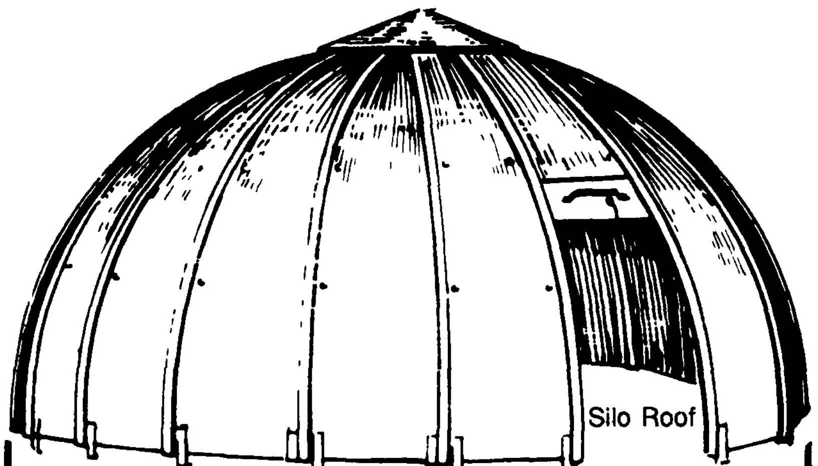
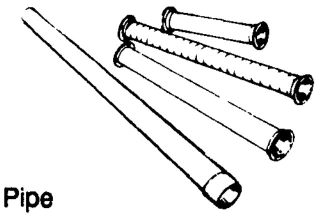


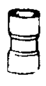
Silo Roof



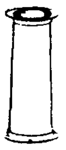
Fill Pipe
Vinyl and Steel

Telescoping Section

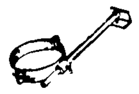
Kwik Pipe



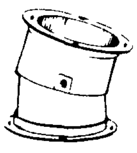
Vinyl Repair Sleeve



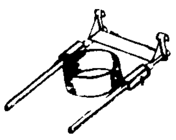
8" to 9" Transition



1 Arm Pipe Support Bracket

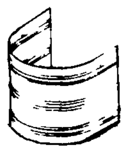


Swivel Transition

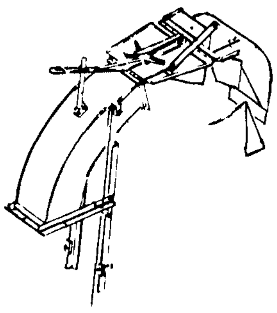


2 Arm Pipe Support Brackets

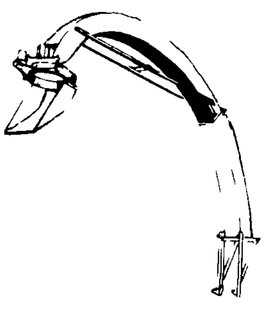
Shute



Fiberglass or Steel



1030 Multi Fly Spreader



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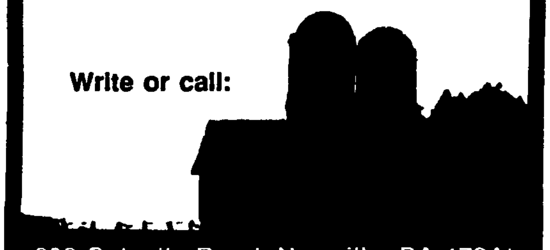

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PHONE: (717) 776-3129

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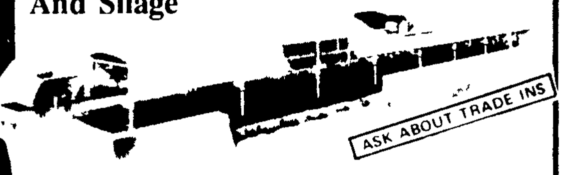
The Break-Thru To Fast, QUIET Uniform Cattle Feeding.

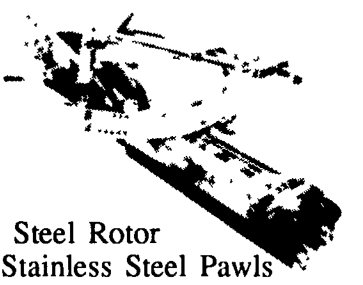
Split Lot, 2, 4 Or More

One Side, Two Sides
Low Power Requirements
No Separation Of Supplement And Silage



Wiper Blade Action Delivers Feed In An Instant! *No Crowding!*

Silo-Matic Silo-Matic's GEMINI R/D Silo Unloader



- Adjustable Tri-Mount Single Suspension Ring Drive
- 26-Inch Stainless Steel Rotor Housing With 4 Stainless Steel Pawls
- Front And Rear Augers Are Different Sizes, Each Operates At A Different Speed For Excellent Performance.
- Superior Torque Arm With Rollers
- New Clean Design With Flow-Through Safety Grids.
- Fiberglass Gooseneck With Stainless Steel Liner

The Unloader Of The Future!

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Check your silo now for possible needed maintenance. If you have been using your silo for 10 years or longer for corn or haylage, it might be time to GUNITE.

Please call for an inspection and estimate.

Silo-Matic SINGLE CHAIN FLITE CONVEYOR

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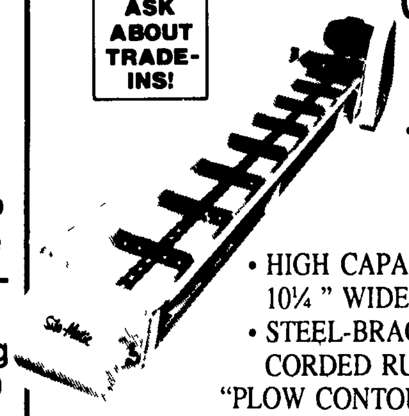

- FOR SILAGE & GRAIN HANDLING
- HIGH CAPACITY 10¼ " WIDE TROUGH
- STEEL-BRACED, CORDED RUBBER "PLOW CONTOUR" FLITES
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- EXTRA STRONG FRAME
- CLOG PROOF

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Dependable-Reliable
Systems That Assure Continuous Service Day After Day
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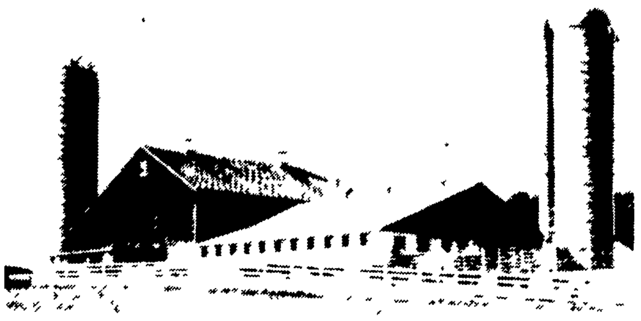

Silo construction is not only an engineering science, it is also an art. Fickes Silos exemplify these principles, with their fine stave design and strength... durability... and manufacturer's care in building.

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Van Dale magnematic 360 silo unloader for 22' dia. silo, used 1 year, $3,000. Lackawanna Co. 717-587-1725

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JAN. 6-11, 1991

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NOW IS THE TIME TO MAKE YOUR BEST DEAL FOR SILOS AND CONCRETE PRODUCTS FOR 1991.

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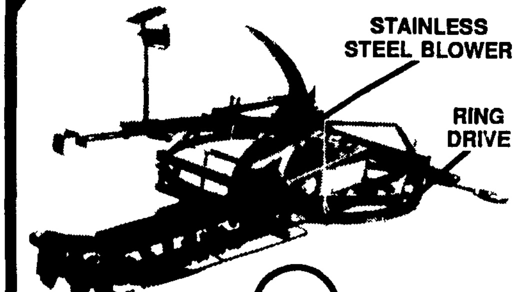

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HANSON SILO COMPANY
There is a difference

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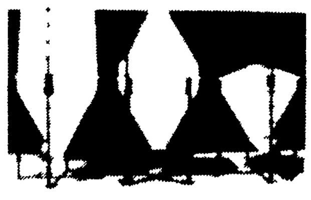

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HELP WANTED: To Make Silo Staves

USED EQUIPMENT

• Stainless Steel Waterers single or dbl., like new	$25
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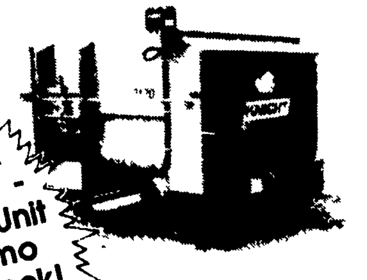
• 80' Belt Feeder - F.O.B. Lanc.	$700

Reel Auggie KNIGHT
2000 Series
A new concept in TMR Mixers



FOR RENT - Tow Unit Demo In Stock!

There Are Many Advantages Of The Reel Auggie Design

8% FINANCING AVAILABLE ON TMR MIXER PURHCASE - CALL FOR DETAILS!

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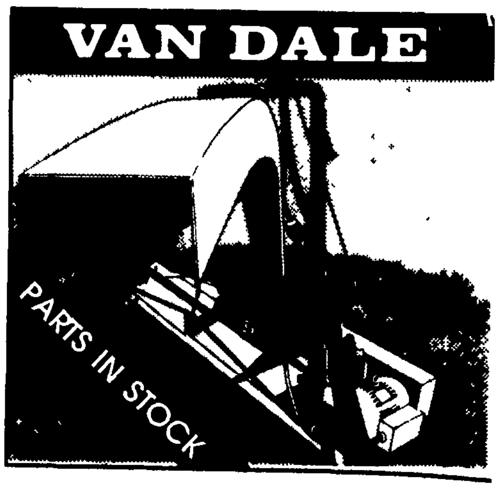

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Lancaster Silo Co., Inc.

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Buildings And Supplies Classification Is Located On Pages B12-B16 This Week

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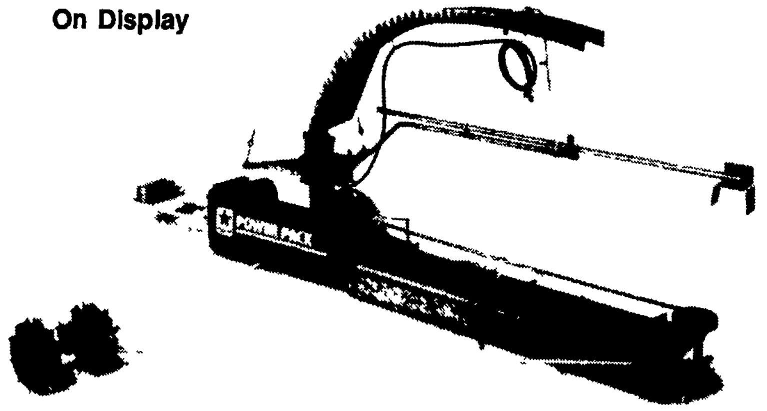
Starline's® ALL NEW SURFACE DRIVE UNLOADER

On Display



Feature By Feature, You'll Find This Unloader Beats Them All!

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STARLINE'S NEW MIXER XC20
BELT CONVEYOR
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REPLACEMENT CHAIN FOR PATZ UNLOADERS VERY GOOD PRICE

SILO DISTRIBUTORS AND FILL PIPE INSTALLATION AND REPAIR

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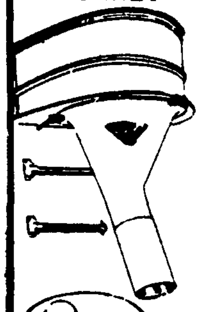

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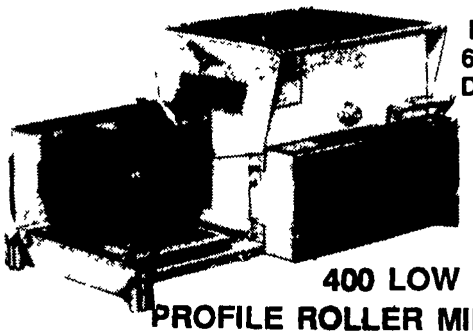

Model 600 On Display

400 LOW PROFILE ROLLER MILLS

Full Line Parts Department For Starline

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We made quality trailers economical. Now quality & economy cost less.

We have lowered the price of our economical Wrangler to make it even more economical. Volume purchasing power, advances in production techniques and a dedicated work force made it possible. And we're passing the savings on to buyers.

You still get our commercial-quality trailer with features and construction superior to other brands.

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- Plywood roof liner for less condensation, added protection and durability.
- Smooth rubber-ride axles.
- Sealed beam lights.
- From the frame to the nose of the gooseneck it's all aluminum—for durability, reduced weight and easier maintenance.
- Side door cut to the floor for easier loading.
- Aerodynamic cast aluminum corner caps front and rear for strength.
- 7'6" width and 6'9" height—the largest standard trailer in the industry.

Rugged construction and premium-quality components put our economy Wrangler in a class all by itself. We invite you to compare, spec for spec. You'll agree. Eby gives the most for your money.

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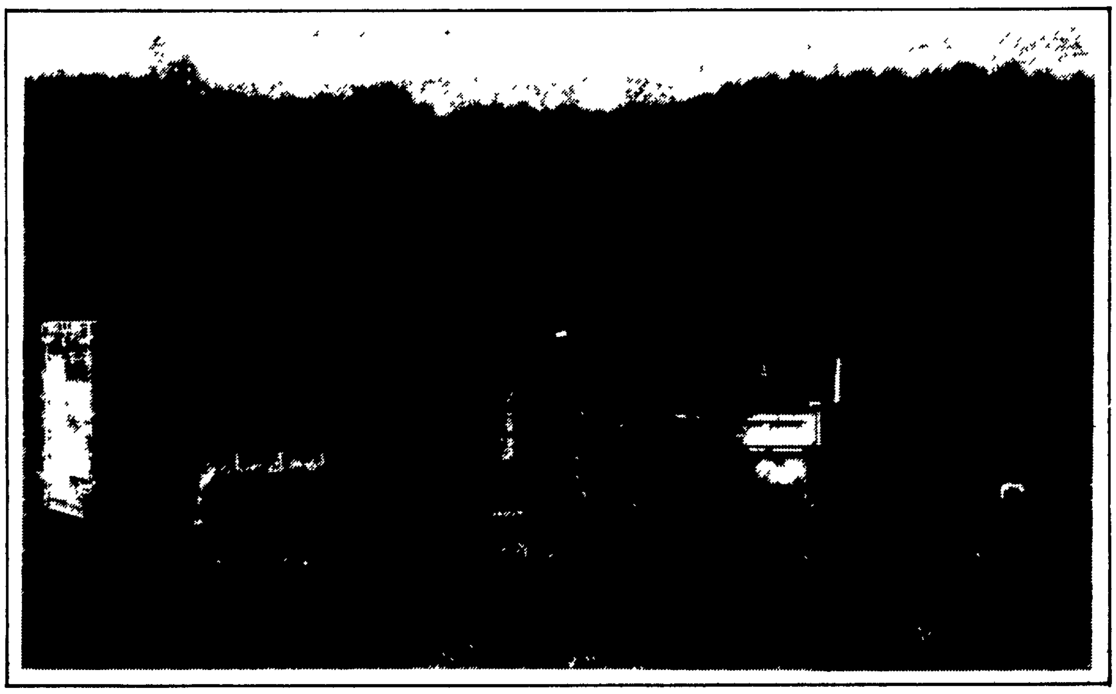
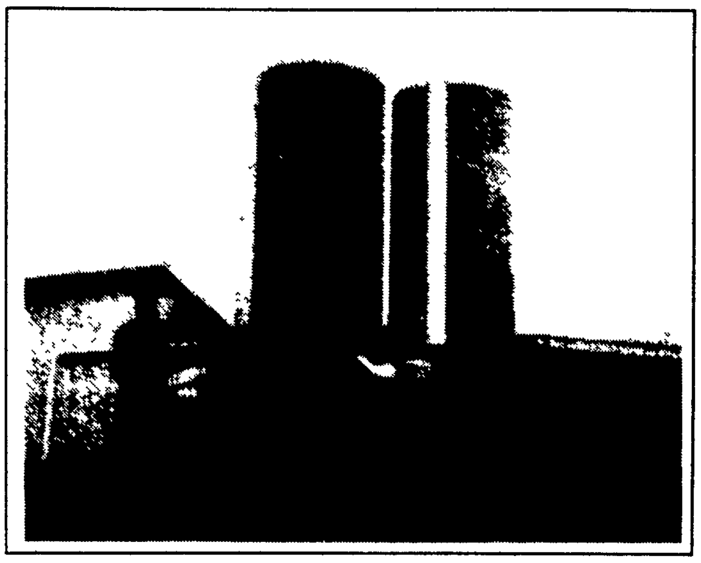


The top quality, reduced-price Eby Wrangler.

READ WHAT DAIRYMEN HAVE TO SAY ABOUT Master Mix PROTEK DAIRY FEED



RICK FOSTER - Parkton, MD

"I started feeding Master Mix 1890's and getting Master Mix to do my Ration last fall (Nov. '89). My production started to increase almost immediately and I got up to 70 lbs. this spring & summer. Even when the forages were changing the cows never missed a beat on that feed. Service Feed & Supply gives excellent service and the Master Mix Protek Dairy Feeds really fit my operation.

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- 5 Lbs. Alfalfa Hay
- Corn Silage/Haylage Fed To Appetite

MILKING RATION PROGRAM

- High Moisture Ear Corn
- Protein Supplement
- Master Mix 1890's Topdress

(Fed According To Stanchion Barn Production)

	Started Master Mix Protek®	Current DHIA Results
Date	11-28-89	11-28-90
# of Lactating Cows	83	74
Production/Cow/Day	55.4 Lbs.	63 Lbs.
DHIA Rolling Herd Avg.	16,430	21,264
Butterfat Test %	3.67	3.43
Lbs. Butterfat	602	729
% Protein	3.28	3.17
Lbs. Protein	540	675

"We started feeding Protek 2090's October of 1988. During '89 we experienced a big rise in production when our forages weren't the best. During 1990 we have dropped a little bit but still maintain a 2500 Lb. increase over our October '88 herd average. The 90 Series Protek Feeds fit well with our overall plan of good milk production, good herd health & good bottom line."

	Started Master Mix Protek®	Current DHIA Results
Date	10-28-88	12-26-89
# Of Lactating Cows	92	88
Production/Cow/Day	54 Lbs.	62 Lbs.
DHIA Rolling Herd Avg.	15,977	19,015
Butterfat Test %	3.66	3.37
Lbs. Butterfat	585	641
% Protein	3.26	3.28
Lbs. Protein	520	623*

ROUGHAGE PROGRAM

- 10-12 Lbs. Alfalfa Round Bale Haylage
- 50 Lbs. Corn Silage

MILKING RATION PROGRAM

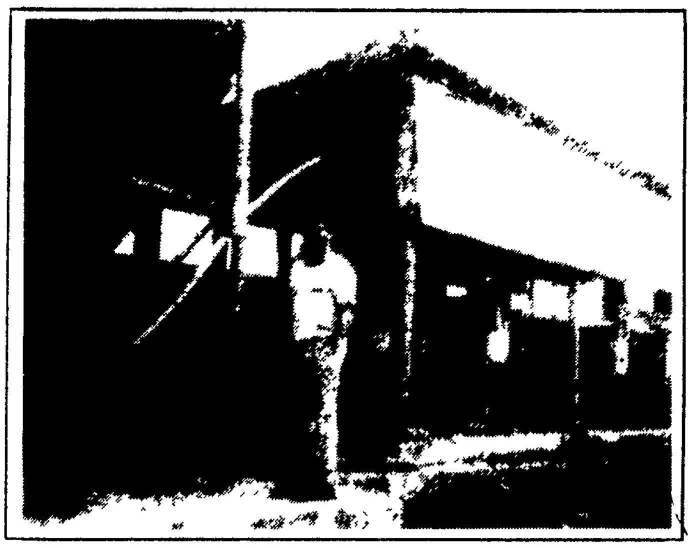
- Shelled Corn, Barley, Protein Maintenance Ration Protek 2090's To Top Producers

(Fed Through Computer)

* Most Improved Protein In Hartford County In 1989.

Left to Right Matt, Bud & Julie holding Jeffrey

MAROAMO FARM - Street, MD



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"I have been feeding Master Mix Protek Dairy Feed for about 18 months. I believe their feed along with the good forages I have been trying to grow have really made the difference. I ran 66-68 Lbs. of milk in this summer's heat. Service Feed, along with the Master Mix Sales Rep, really make me feel good about doing business with them.

ROUGHAGE PROGRAM

- 10-12 Lbs. Hay
- 45 Lbs. Corn Silage/Sweet Corn Silage
- 4 Lbs. Roasted Beans & Soy Hulls

MILKING RATION PROGRAM

- Shelled Corn
- Protek 24% Hi-Fat w/Niacin

(Computer fed according to production)

	Started Master Mix Protek®	Current DHIA Results
Date	7-16-88	11-14-90
# of Lactating Cows	118	145
Production/Cow/Day	56 Lbs.	63 Lbs.
DHIA Rolling Herd Avg.	17,407	20,431
Butterfat Test %	3.78	3.64
Lbs. Butterfat	658	743
% Protein	3.19	3.25
Lbs. Protein	556	665

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FFA Honors Recipients Of Coveted Keystone Degree

EPHRATA (Lancaster Co.) — Nearly a record number — 243 — FFA'ers will be honored with the Keystone Degree next week during the 62nd annual Mid-Winter Convention in Harrisburg in the midst of Farm Show.

The degree is the highest state award bestowed upon high school FFA members.

Regional Star Agribusinessmen and Star Farmers will also be recognized at the convention, in addition to this year's Proficiency Award winners.

Building Our American Communities (BOAC) awards will also be presented. At the convention, parents having three or more children who have received the Keystone Farmer degree will also be honored.

Lancaster Farming congratulates this year's premier FFA'ers and wish them success in their chosen careers. A brief biographical sketch of this year's Keystone Degree recipients follows.

Lancaster Farming regrets that the following information on degree recipients was not available at presstime: Barry Houser, Andrew Zimmerman, Anita Mech (Garden Spot); Dale Heagy (Little Dutchmen); Melissa Ann Wixted (Philadelphia); Tony Shadel, Allen Johnson, Shannon Dietrich (Tri-Valley); Crystal Ann Young (Col-Mont AVTS); Jodi Hall, Karen Beth McLinden, Jennifer Biddle, and Eric Stine (Little Lions); Bradley Herrold (Blue Ridge); Linda Fisher (Captain Jack); Scott Shirk, Kristin Marie Metzker, Douglas Longenecker, Kevin Laird, Thomas Greenleaf, and Charlotte Chesney (Central Cove); Daryl Hess (E. Juniata); Cristopher Cullwell, Mark Elliot Cauffman, Jason Pontius (Greenwood); Todd Parsons (S. Huntingdon Co.); and Melissa Vorisek (Conneaut Valley).

Also, Cynthia Faulhaber (Fort LeBoeuf), Lisa Haight, Todd Ackerman, Bonnie Lee Shields, Gregory Park, Rodney Pegg, and Steven Isenberg (Marion Center); Chris Engle, Doug Beitzel (Meyersdale); Ashley Shook and Kevin Shook (Moniteau); Robert Muir and Tim Pershing (Purchase Line); Michele Phillips (Somerset H.S.); and Tom Brookover (Waynesburg).

John Alderson

The 18-year-old son of Verne and Maxine Alderson, LeRaysville, John Alderson has been a member of Northeast Bradford FFA chapter for four years and serves in its Food For America committee. His activities have been SOE and project book and he has held various chapter positions, including reporter, president and sentinel. He has earned the Greenhand and Chapter Farmer degrees. In his spare time, John said he enjoys baseball, softball, hunting, fishing and card collecting. Eventually, John said he wants to be a dairy farmer.

Andrew Allen

A four-year member of the Manheim FFA, Andrew Allen has been involved in a wide range of FFA activites. In 1987, he won the reserve grand champion steer at Manheim Fair. In the years since, he has been involved with the Supervised Occupational Experience Program, Home Improvement, Window Exhibit Committee, BOAC Committee, and the Made for Excellence Conference. Andrew has been president, sentinel, and student advisor of the chapter, and has been honored with the Greenhand Degree, Star Chapter Farmer, Star Chapter Red Rose in agribusiness, state winner of the ag salesmanship contest, and the state delegate representing Pennsylvania at the American Institute of Cooperation. Andrew plans to attend Mansfield University.

Michael Angstadt

Michael Angstadt, 17, of Oley RD2, is the Oley Valley FFA chapter chaplain for this year. It makes the third leadership position he's held in the chapter during his four years as a member. In other years, he was sentinel and reporter. Angstadt's FFA activities include having a home garden and getting work experience at Pikeville Equipment Inc. Over the years, he has earned the Eastern Region Star Agribusinessman award, vegetable production proficiency award and took first place for his home garden record book. Outside of FFA, Michael has been also involved in Scouting and earned the rank of Eagle Scout. In the future, he said he plans to work full time at Pikeville Equipment and then possibly attend the agriculture technology program offered by Ohio State University. His hobby is snowmobiling.

Robert Aukamp

Robert Aukamp, 17, is a four-year member of the Solanco FFA chapter where he works on a number of projects, including beef finishing, dairy calf, hay, corn grain and silage, and work experience. The son of Robert and Janet Aukamp, of Peach Bottom, he sits on his chapter's banquet, FFA Week, and fruit sales committees. In addition to his school chapter involvement, Robert is currently county FFA vice president, a member of Mt. Zion United Methodist Church Youth Group and the Valley lea Riding Club. He has won Green hand, Chapter and Red Rose FFA degrees, and served as a delegate to the state FFA convention. After graduating from high school Robert said he wants to continue working in the dairy industry.

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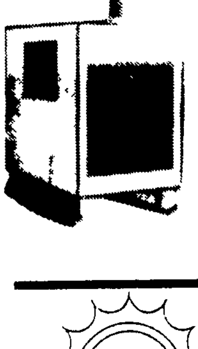

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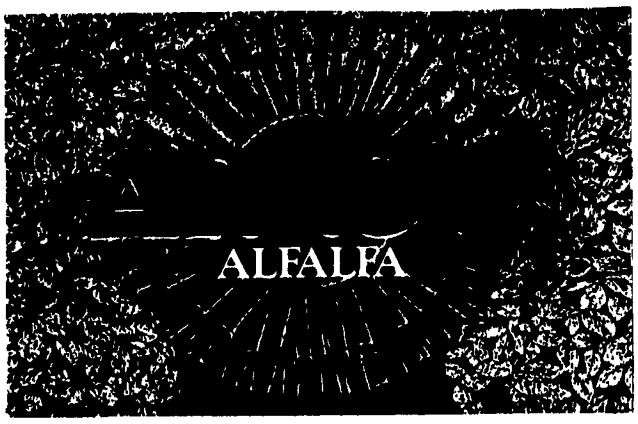

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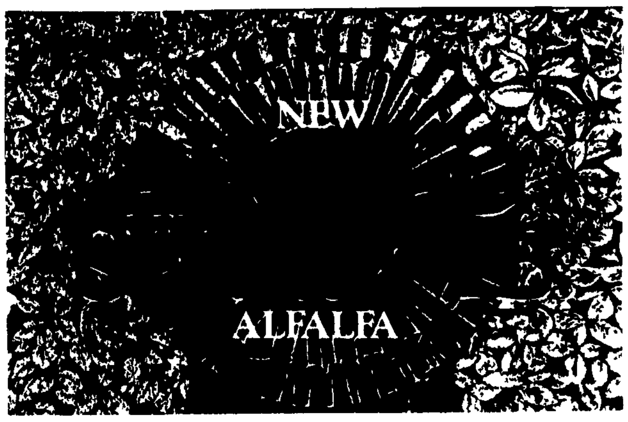

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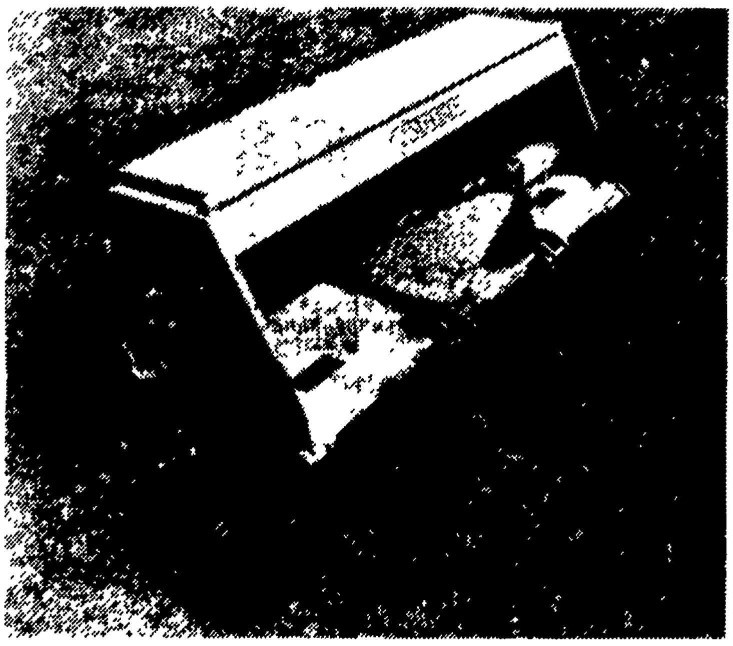

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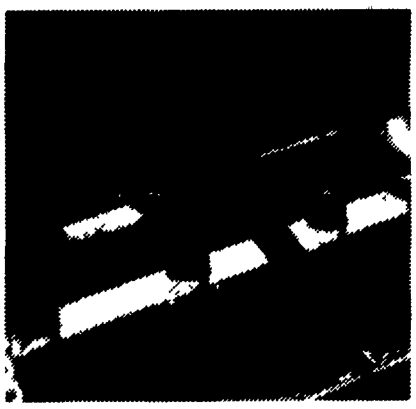

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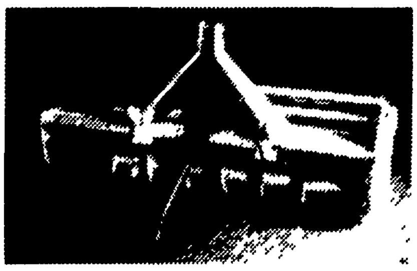

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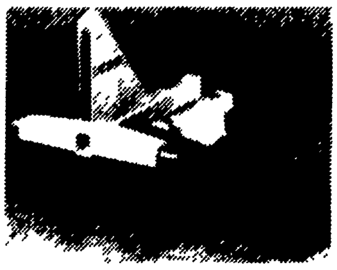

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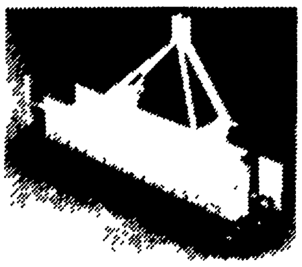

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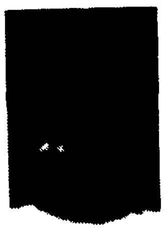
Coveted Keystone Degree

(Continued from Page D3)

Margie Joan Aumick



Margie Joan Aumick, 18, of Mansfield, is the daughter of Mr. and Mrs. Rexford Aumick. She has been a member of the Mansfield FFA chapter for four years. While a member, she has worked on several dairy farms including the Harry Zellers farm in Weatherby, Mark Sherman's farm in Mainesburg, the Baker family farm in Covington and at the Baity's farm, also in Covington. In addition to the dairy work experience, Margie has also served on the chapter's dairy day, banquet, flower bulb, fruit sales and hoagie sales committees and held several leadership positions, such as parliamentarian, sentinel, and treasurer. This year, in addition to being chapter treasurer, she also holds the position at the county level. She has earned her county farmer, green hand, chapter farmer and Star Chapter Farmer degrees, and won a proficiency award for her work experience. In her spare time, Margie has been captain of the shool color guard and a volunteer at Wellsboro Hospital. In the future, she said her goal is to get a farm of her own. In the meantime, she enjoys such hobbies as working with animals and numerous outside activities, especially riding bike, swimming and walking.

Joseph Avolia

Joseph Avolia, 18, of Hickory, is the son of Dominic and Dixie Avolia. He has been a member of H.G. Parkinson FFA chapter at Fort Cherry High School and has served as chapter reporter and chaplain, and received the Star Chapter Farmer award. He was a member of the second place state parliamentary procedure team, won the bronze award in the state livestock judging contest, the county production credit award, and two gold awards in the state project record book contest. His FFA activities have been swine breeding and swine finishing. He has also served on the chapter's public relations committee. In his spare time, Joseph enjoys hunting and fishing. After he graduates from high school, he plans to pursue a college degree.

Randy Balthaser

Randy Balthaser, 17, has been president of the Hamburg Area FFA for two terms during the four years he's been a member. The son of Wilson and LaVerne Balthaser, Bernville, Randy has also been Berks County vice president, and, for two years, he was student advisor. Active in various agricultural projects, Balthaser includes among them 17 head of dairy animals, 13 head of market hogs, 10 acres of corn, 5 acres of oats, 5 acres of hay and 9 acres of wheat. The recipient of a star greenhand degree and a chapter dairy proficiency award, Balthaser also sits on the chapter's King Frost Float Committee. His hobbies are hunting and skiing and in the future, he plans to work on his family's dairy farm.

Dwayne A. Baney

Dwayne Alan Baney, 18, of Selinsgrove, has been in FFA for five years and served both as sentinel for the Selinsgrove FFA chapter and for the SUN Area chapter. The son of James and Ruby Baney, Dwayne has been involved with swine finishing and breeding and sits on his chapter's swine chain, citrus, cider and community service committees. While in FFA, Baney has achieved greenhand, chapter and SUN Area farmer degrees, award in swine proficiency and a gold medal in state land judging competition. His hobbies are hunting, fishing and raising animals and after graduation, he plans to continue working at Rhoads Mills Inc., and also continue to raise animals.

Tanya Barr

Tanya Barr, 18, of Fawn Grove, has been a member of Kennard-Dale FFA chapter for three years. She is the daughter of Dr. Robert and Hollyce Barr. Among her FFA activities, Barr is chapter parliamentarian and serves on the chapter's citrus sales, Food For America and business cooperatives committees. She attended the 1990 FFA National Convention, and was on the chapter paliamentary procedure team, and participated in the state FFA dairy show and in the state FFA dairy judging. Her achievements include receiving the greenhand, chapter and White Rose farmer degrees, receiving the chapter sholarship award for two years. She also won a state bronze award in supervised occupational experience, a state gold award in horse and dairy, and award from York Farm Credit for record keeping, and a county award for the parliamentary team. In addition to FFA activities, she is involved in 4-H. She was the 1990 IFYE ambassador to Germany, and was in the 1990 national 4-H Congress. She is also a member of the Seeing Eye Puppy Club and assists with a Saddle-up Therapeutic Riding program. She is a member of the New Covenant Community Church. She enjoys horseback riding, writing, painting, horse painting, traveling.

Jason K. Bartlebaugh

Jason K. Barlebaugh, 18, of Tipton, is the secretary of the Bellwood-Antis FFA chapter and is involved in its fruit sales and flower bulb sales committees, Farm Show activities, leadership conferences, donkey ball game and has participated in its landjuding contests. The son of Kenneth and Diana Bartlebaugh, Jason was past president and vice president of the chapter and has taken first place in state record keeping contest and south central record keeping. He has also received a Farm Credit award. An avid hunter, he also enjoys acting, playing guitar, cross country skiing and astonomy. In addition to his FFA participation, he has been on the school student council, the wrestling team, in the school musical the county chorus, concert choir, and senior class play, and was voted by his classmates as the "most active." Bartlebaugh's future plans are to attend Penn State University and pursue courses of study in agricultural research or landscape architecture.

(Turn to Page D6)

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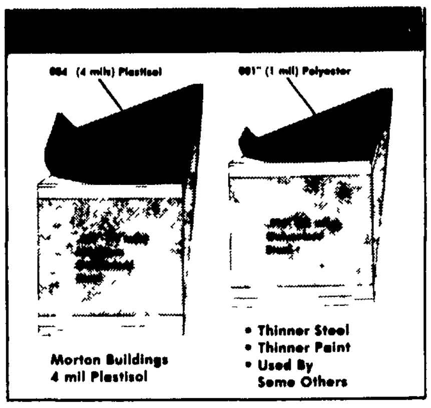

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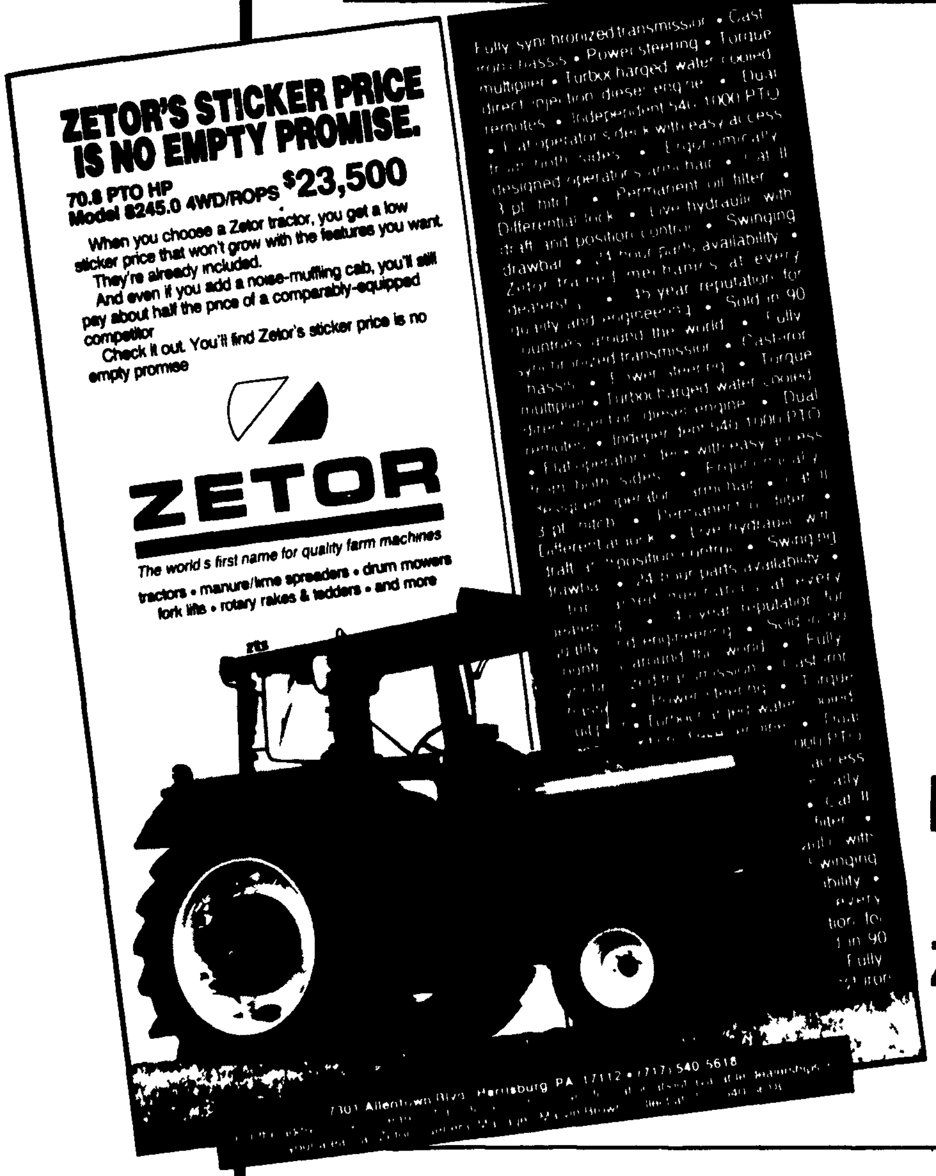

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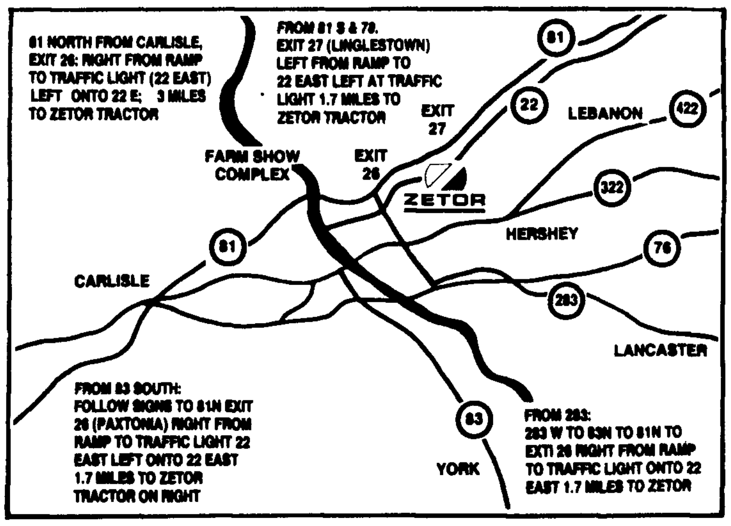

81 NORTH FROM CARLISLE, EXIT 26: RIGHT FROM RAMP TO TRAFFIC LIGHT (22 EAST) LEFT ONTO 22 E; 3 MILES TO ZETOR TRACTOR

FROM 81 S & 78. EXIT 27 (LINGLESTOWN) LEFT FROM RAMP TO 22 EAST LEFT AT TRAFFIC LIGHT 1.7 MILES TO ZETOR TRACTOR

FROM 83 SOUTH: FOLLOW SIGNS TO 81N EXIT 26 (PAXTONIA) RIGHT FROM RAMP TO TRAFFIC LIGHT 22 EAST LEFT ONTO 22 EAST 1.7 MILES TO ZETOR TRACTOR ON RIGHT

FROM 283: 283 W TO 83N TO 81N TO EXTI 26 RIGHT FROM RAMP TO TRAFFIC LIGHT ONTO 22 EAST 1.7 MILES TO ZETOR

Coveted Keystone Degree

(Continued from Page D4)

Rodger Bashore

Chapter and county president of the Oley Valley FFA, Rodger Bashore, 17, of Oley, is uncertain about his plans after graduation from high school. "I plan to either attend a four-year college, or enter the work world in the field of agriculture," he said. In addition to the presidency, Bashore has held the office of chapter secretary, vice president and county sentinel. He claims a number of FFA projects. Among them are dairy herd, beef and hog production, and the production of soybeans and corn. He has also gained work experience abroad. A participant in FFA creed speaking contests and public speaking contests, Bashore has earned proficiency awards in swine, agricultural mechanics and diversified livestock. He has also earned an Eastern Regional Star Farmer degree. He lists his hobbies as hunting, playing volleyball and collecting farm toys. He is also a member of the youth group at Oley Mennonite Church.

William B. Batterson

William Benn Batterson, 17, of Coudersport, is president of the Spudgrowers FFA chapter at Coudersport High School. The son of William and Donna Batterson, William has also served as chapter sentinel and reporter while also being chairman of the national, bronze-winning BOAC for 1990. He has won a scholarship award and earned his chapter degree, and served on the chapter's BOAC, sholarship, fruit sales and safety committees. In addition he has attended both the 1990 national and state FFA conventions. In addition to his FFA work, he is a member of the National Honor Society and is working in the food service industry. His hobbies are fly fishing, skiing and hunting. Batterson said his plans are to attend the University of Montana and pursue a four-year degree in forestry.

Matthew Betts

Matthew Betts, 17, is the son of David and Donna Betts, of Danville. A four-year member of Danville FFA chapter, Betts has served as chapter treasurer. Among his activities, Betts has participated in the Bloomsburg and Montour DeLong fairs, FFA activities week program and the Keystone International Livestock Exposition petting zoo. He has earned the star greenhand degree and won an award for beef production. In his spare time, he is involved with 4-H, and the American Motorcycle Association. In the future, he plans to learn how to operate heavy equipment.

Daniel Blouch

Daniel Blouch, 18, of Franklintown, is the son of Richard Blouch, and a four-year member of Gifford Pinchot FFA chapter at Northern York High School. Blouch has done swine breeding and worked for Hafer Exon and Paving as part of his FFA activities. He also showed swine during the 1988 Farm Show. A former chapter reporter, he has earned his county White Rose degree and is with the AFY Cooperative Institute. In addition to his FFA activities, he is a member of the Franklintown Community Fire Co. and enjoys racing amateur motorcross. He said he is undecided on his future plans.

Thomas Bluestone

Thomas Eugene Bluestone, 18, of Dillsburg, has been chaplain of the Gifford Pinchot FFA chapter at Northern York County High School for two years. Bluestone has been working for McCurdy's Tree Farm for his FFA project. And he is also a member of the state Army National Guard in Carlisle. Bluestone said his future goal is to stay in the National Guard.

Daryl Jay Bomgardner

Swine breeding, finishing, and beef breeding and finishing are some of the major FFA activities recently undertaken by Daryl Jay Bomgardner. A member of the Little Dutchmen FFA, Daryl has served as historan and reporter of his chapter, and has extensive livestock judging experience. He said he plans to attend a four-year college and major "in something dealing with agriculture."

Douglas Boop

Douglas Boop, 17, son of Gerald W. and Kathy A. Boop, Millmont, is vice president of Mifflinburg FFA chapter. He is also president of SUN Area FFA chapter and past treasurer of his high school chapter. Among his FFA projects, Boop has done work with dairy herds, wheat, oats, corn, hay and performed work experience. He is the chairman of the chapter's banquet committee and a member of its finance and executive committees. He has participated in the regional creed contest, the state dairy showmanship contest and an area dairy judging contest. Boop has earned a state proficiency award in cereal grains, the SUN Area Star Farmer degree, a bronze metal in the state farm management contest, a metal in state agronomy contest and has had champion dairy cows in various shows. His hobby is showing dairy cattle, he said. In the future he plans to attend Penn-Tech and pursue a degree in diesel mechanics.

John J. Boose

John J. Boose, 18, is the son of Mr. and Mrs. John A. Boose, of Gardners. He has been a four-year member of Bermudian Springs FFA chapter and served as both sentinel and parliamentarian. He has been the recipient of the star greenhand degree, the chapter farmer degree and the county and area degrees. He has also received a state-level award for record book project. Among his FFA activities have been apple judging, land judging and participation in the national convention in Kansas City, Mo., Ag Progress Days, and agricultural mechanics. He said his goal is to pursue a technical degree in mechanics.

Michael Bova

Michael W. Bova, 17, of Coudersport, is a three-year member of the Spudgrowers FFA chapter at Coudersport High School. The son of LaVern and Dairy Bova, he has raised sheep for his FFA projects and has

(Turn to Page D8)

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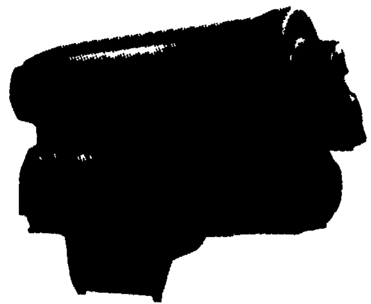

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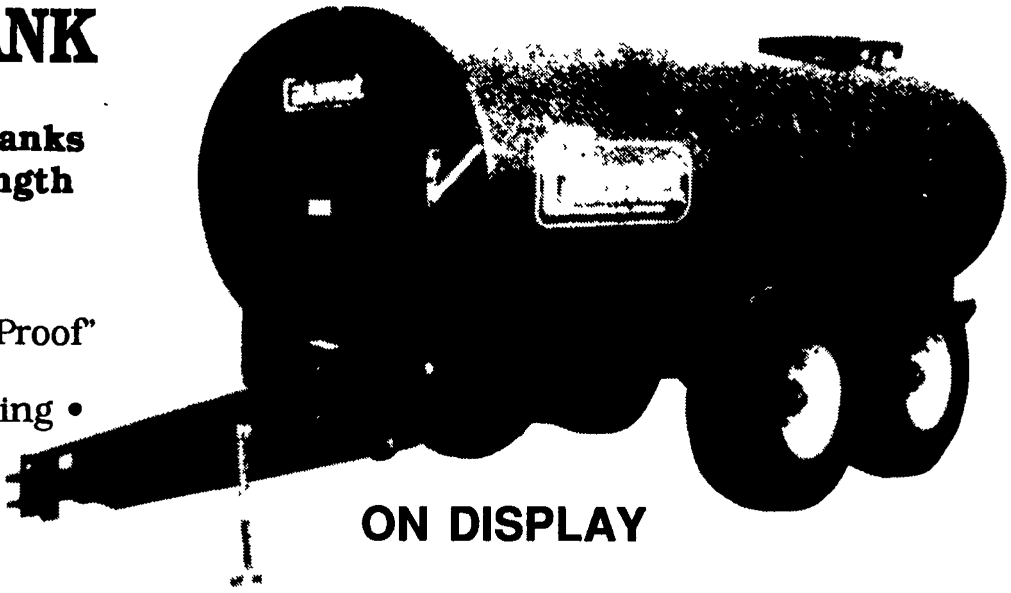

ON DISPLAY

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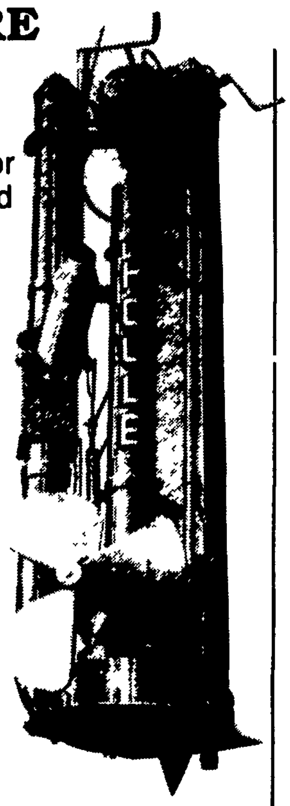

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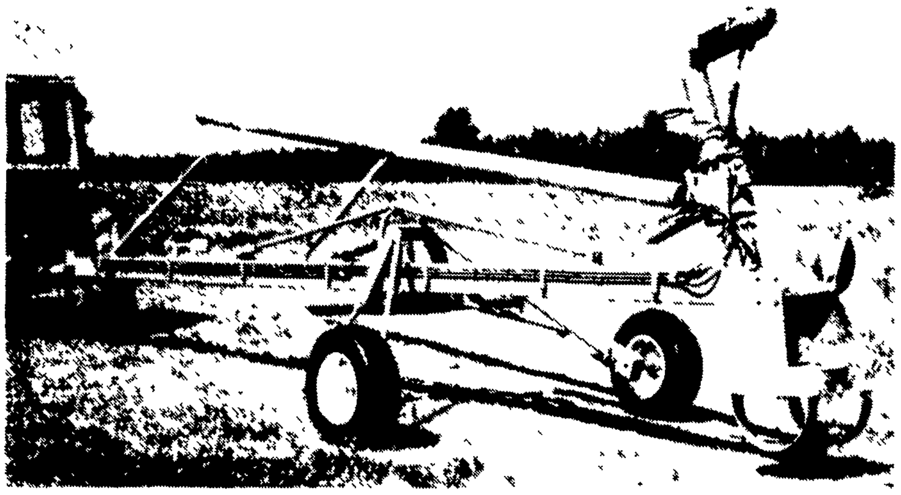

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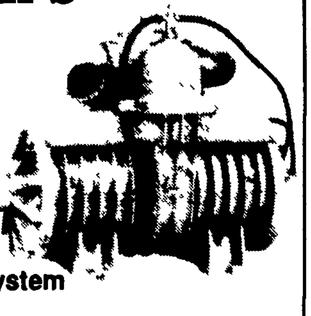

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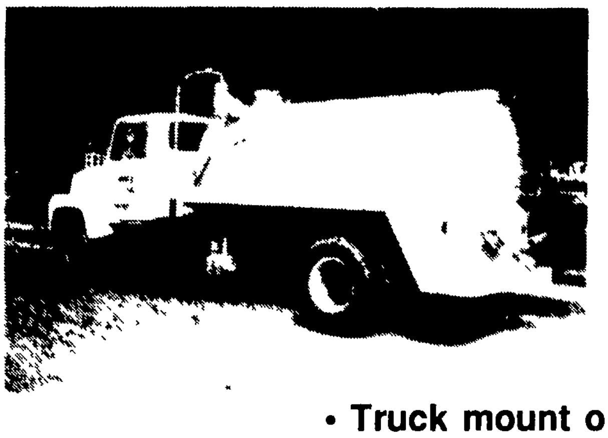

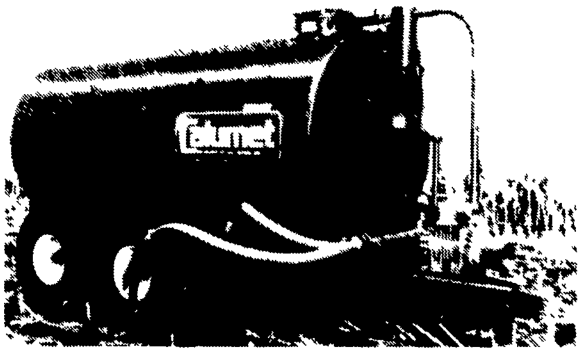

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(Continued from Page D6)

earned the greenhand and chapter farmer degrees. In addition to FFA activities, he is involved in school track, wrestling and football. He said his hobbies are hunting, fishing, driving ATVs and trapping. He said his plans are to pursue a college degree in building construction.

Brian Scott Bowery

Brian S. Bowery, 17, of Clearfield, is student advisor for the Clearfield FFA and has raised dairy cows, heifers, meat poultry, bantams, market swine and has finished beef, as part of his FFA activities. The son of Mr. and Mrs. Frank Bowery, Brian has been chapter parliamentarian and treasurer, and earned his greenhand and star farmer degrees. In addition, Bowery, has served on the chapter leadership, earnings and savings, refreshment and recreation and fruit committees. He has also participated in farm management, landjudging and Envirothon contests. He has received awards for soil management and foundation awards in dairy, swine and poultry production. In addition to FFA, Bowery has been in the 4-H dairy club and the 4-H livestock and poultry clubs. His hobbies are showing dairy cattle and collecting toy farm equipment. Bowery said his plans are to pursue a four-year degree in animal and dairy science and then return to the family farm.

Mark L. Boyer

Mark Lynn Boyer, 17, is president of the Eastern Lebanon County (Elco) FFA chapter, and has also held its treasurer and assistant chaplin positions. The son of Gary and Nancy Boyer, Myerstown, Mark has received his greenhand, chapter and county degrees and won awards in SAE Goldmetal, tractor driving, scholarship pins and placement in agricultural production and agricultural mechanics. he has attended the 61st and the 63rd FFA National conventions, and the Penn State conventions for the past three years. He is a member of the chapter's BOAC, longrange planning, conduct of meetings, earning and savings, sholarship and cooperative activities committees. In addition to the FFA activities, Boyer also has been involved in the Lebanon Area Envirothon, the Pennsylvania State Envirothon and is a member of the Shippensburg Cooperative Council. His hobbies include farming and restoration. In the future, his plans are to become an agricultural mechanic and farmer.

Terry Brady

Terry Brady, 17, of Danville, is the president of Danville FFA chapter, following previous held positions as chapter reporter and treasurer. Although, he doesn't list his FFA activities, he said he is involved in 4-H riflery. The son of Terry and Connie Brady, he said he plans to attend a two-year technical school following graduation.

Mark O. Brantner

Mark O. Brantner, 18, of Lurgan, is the son of Carl and Grace Brantner and has raised seven project animals, one of which was a cow that produced 29,347 pounds of milk during a lactation. Brantner has been in the Chambersburg FFA chapter for five years, serving as president while a high school freshman and participating in the FFA Activities Week dairy judging contest that year. As a junior, Brantner was chapter reporter and raised and showed his FFA project pig at the 1990 Farm Show. Among his achievements, Brantner earned his greenhand and chapter farmer degrees and received a state bronze award for a project, and awards for animal science, dairy production records, and for fitting and showing. He said his future plans are to take over his family's third generation dairy farm, which consists of 350 acres with 155 head. He owns seven of the dairy animals so far.

Melanie Brookhart

Melanie Brookhart, 18, of Millerstown, is area president and president of the Greenwood FFA chapter. The daughter of Alton and Eunice Brookhart, Melanie has received her greenhand, chapter, area and keystone degrees and a number of awards, including ones for leadership and scholarship. Melanie has had projects with market lambs, market swine and breeding swine. She has also served on numerous committees and chaired them, including BOAC, banquet and state and national activities. The recipient of a Grange award, and Matt Polski Memorial award, Brookhart also placed 11th in the state for extemporaneous public speaking. In her spare time, Melanie said he enjoys deer hunting, meeting new people, working with animals and speaking. In the future, she plans to attend Penn State University and major in agricultural education and pursue a career as an agriculture teacher.

Jody Brown

Jody Brown, son of Mr. and Mrs. Larry Brown, Littlestown, has been a member of the Littlestown FFA chapter for four years and has served as junior advisor, reporter and vice president. Among the FFA activities and committees in which Brown has been involved are its Good Ole Days event, sandwich sales, citrus sale, Red Cross First Aid Program, bulb sale, fire safety, Chesapeake Bay Exploration program, Farmer Leadership conference, and participation in the national FFA convention, FFA Mid-Winter Convention, FFA Week, a state legislative leadership conference and various FFA contests, including creed, extemporaneous public speaking, parliamentary prodcedure, small gas engines, ag mechanics and the envirothons. Brown has earned his greendhand, chapter farmer, county farmer (apple degree) degrees and foundation awards in ag mechanics, ag production, sales and service, Chapter Star Agribusinessman and was runner-up for county star agribusinessman. In addition to his agricultural-related activities, Brown also is a member of the school band. Among his hobbies are collecting and restoring antique Briggs & Stratton engines and John Deere tractors. His plans are to continue to work at W.L. Sterners, in Hanover, in their engine repair shop. He plans to receive training at a company (Briggs & Stratton) technical school. Eventually he said he would like to open an engine repair shop of his own.

(Turn to Page D10)

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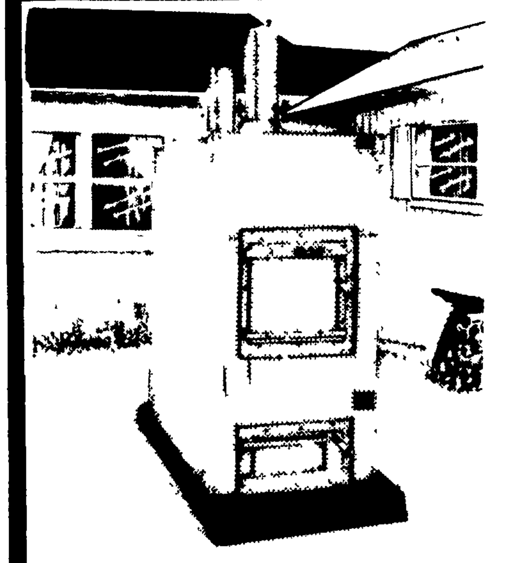

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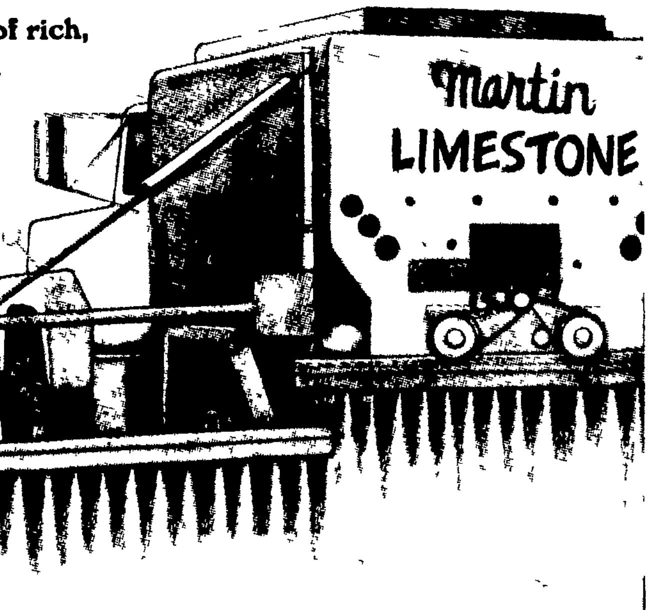

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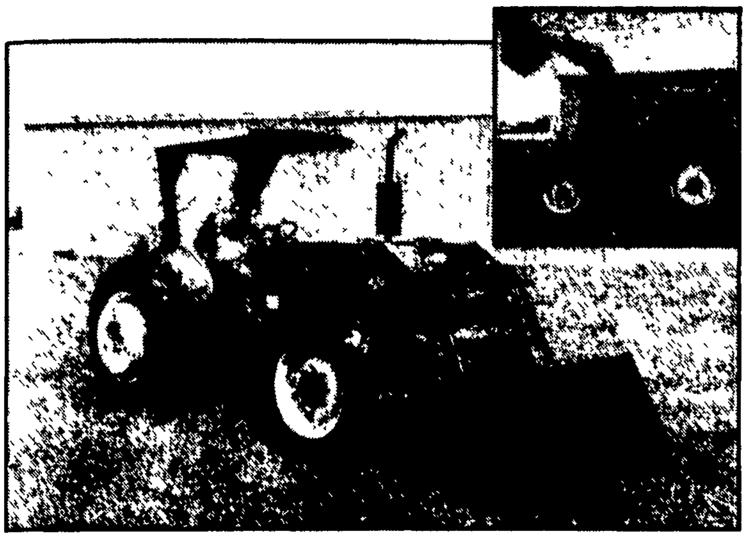

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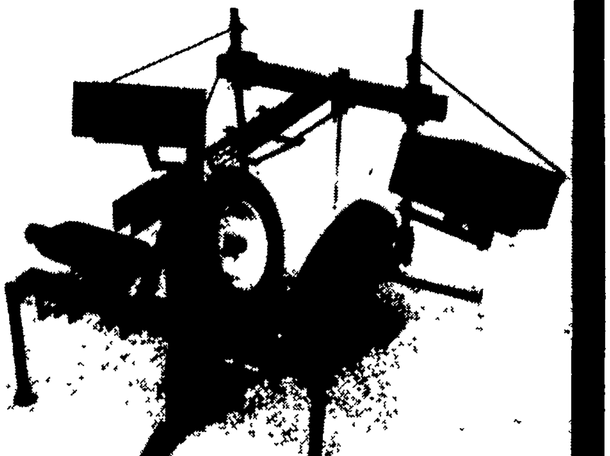

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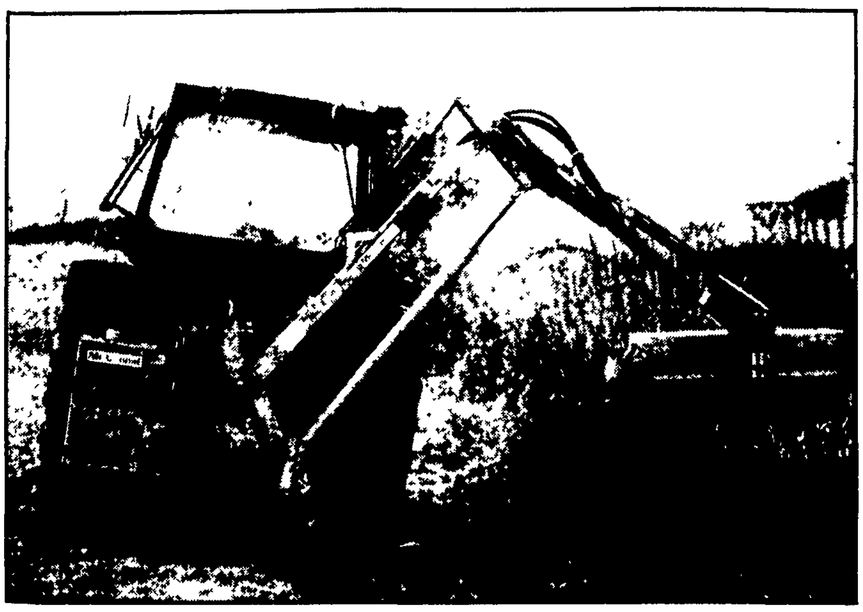

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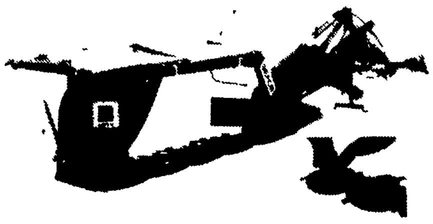

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Coveted Keystone Degree

(Continued from Page D8)

Jill Burkhart

The daughter of Richard and Nancy Burkhart, Mohnton, Jill Burkhart, 17, has been chapter vice president of the Twin Valley FFA and served on a number of committees and attended several agricultural conferences. Her FFA projects have been swine finishing and raising hay and field corn. She lists attendence at the PEEC Leadership Conference, Collegiate FFA Fall President's Conference at Penn State and the Pa. FFA Legislative Leadership Conference, as part of her extra educational experience in FFA. Burkhart has also attended Berks County FFA Leadership Training, the Pa. Association of Farmer Cooperative Summer Institute, Berks County Farm-City Week Banquet and the Blue Mountain Cooperative Institute. In addition, she has served on her chapter's banquet, BOAC, pumpkin contest, fund raising and agriculture day breakfast committees. She is a member of the Pa. FFA Chorus. She has earned her chapter star greenhand degree and received proficiency awards in agricultural processing, and the production of swine, diversified crops, and forage crops. Among Berkhart's trophies, she showed the grand champion hog at the county hog show, won a gold medal in the national FFA dairy foods contest, fourth place in the state FFA interview contest, first in the county FFA record book contest and a third place in the state dairy food contest. She has shown swine at the state Farm Show for the past four years and entered the county public speaking contest and exhibited animals at the Kutztown, Allentown and Reading fairs. She has also been in the Hay Creek Fall Festival and the apple festival. In addition to FFA and agricultural activities, Burkhart has participated on her school's cross country and lacrosse teams and was on the school cheerleading squad and band front. She lists her hobbies as painting, biking and riding horses. Berkhart said she plans to pursue a pre-law degree in college and then apply to law school.

Janessa S. Burkholder

The daughter of Vernon and Edith Burkholder, Ickesburg, Janessa S. Burkholder, 18, is vice president of West Perry FFA chapter and also area FFA vice president. She has been in FFA for four years. Among her FFA activities, she has had work experience at Super Shoes and on the home dairy farm. She is a member of the chapter's Donkey basketball, banquet, citruis, BOAC, trip, scrapbook and roller skating committees. She has received the Area BOAC and the Keystone awards. In the future, she said plans to help people better understand agriculture and the role of FFA. She also plans to perform some mission work.

Wade Butcher

Wade Butcher, 17, of Granville Summit, is vice president of the Troy FFA chapter and has served as treasurer, student advisor and county sentinel. The son of Gary and Esther Butcher, he has worked on both a dairy farm and a veal farm as part of his FFA work experience projects. He has served on the chapter's BOAC, SAE, citrus, budget, safety, public relations, and leadership and membership recruitment committees. Butcher has earned his greenhand, chapter, and county farmer degrees. He has also received a second place award in county dairy foods contest, salesmanship, and in an extemporaneous public speaking contest. In addition to FFA acitivities, Butcher is involved in wrestling, baseball and the school band. In the future, he said he plans to dairy farm full time.

Gregory Carpenter

Gregory Carpenter, 17, Holbrook, Pa., has held various FFA positions in his West Greene Chapter, including secretary and vice president. Gregory has placed in various conservation speaking contests and placed third in Eastern States Poultry Judging. Gregory has been involved in various sheep, veal, swine, and work study projects. In addition, he has also taken part in various parliamentary procedure and land judging contests. He plans to attend Penn State University to major in agricultural business.

(Turn to Page D11)

Farm Show Explores Biotechnology

HARRISBURG (Dauphin Co.)— Visitors to Penn State's exhibit at the 1991 Pennsylvania Farm Show in Harrisburg can explore the often misunderstood and complex world of agricultural biotechnology -- the use of micro-organisms or cells to produce products or carry out processes.

"People immediately feel more comfortable with biotechnology when they understand that it is a more precise way of conducting animal and plant breeding," said William Lacy, assistant dean for research in Penn State's College of Agriculture. "In fact, one of the earliest biotechnologists was Gregor Mendel, a 19th century monk whose pea patch paved the way for hybrid corn and high-yield varieties of wheat."

Penn State's display will focus on potential benefits and costs associated with some of the latest plant and animal biotechnology projects. Faculty members will discuss the range of products and processes involved in current research.

Cocoa butter and bovine somatotropin (BST) research will be highlighted as prime examples of controversial plant and animal biotechnology. A host of questions have been raised about the effects of this research on traditional farming methods and on the economies of developing nations.

Visitors can participate in a public opinion survey on biotechnology and compare their responses to those in a U.S. Congressional Study.

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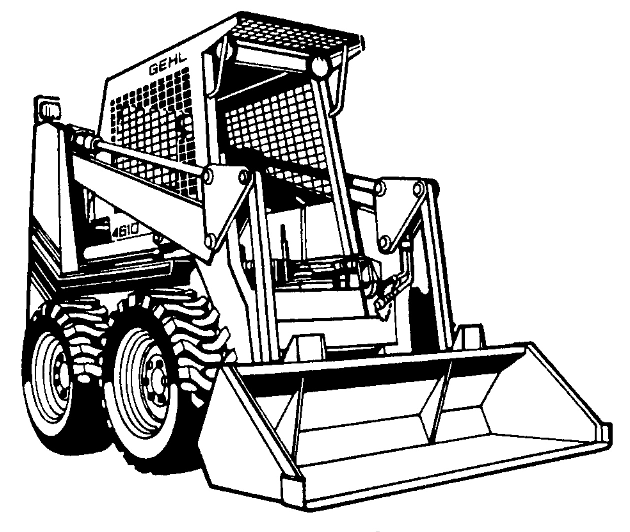

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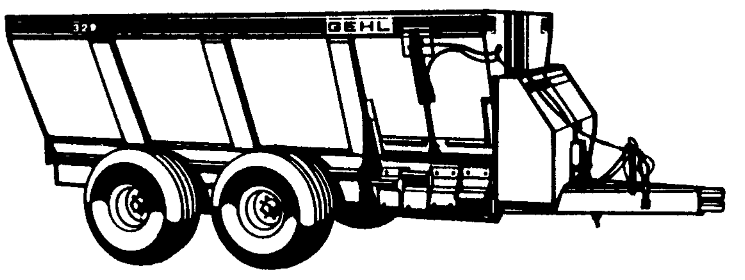

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Coveted Keystone Degree

(Continued from Page D10)

Steve Chalk

Steve Chalk, 16, of Littlestown, has been the sentinel and reporter for the Littlestown High School FFA chapter, during the three years he's been a member. The son of Mr. and Mrs. Stephen Chalk, Steve was named chapter star agribusinessman and earned his greenhand and chapter farmer degrees. He also won foundation awards in wildlife, home improvement and public speaking. A member of his high school newspaper staff, Chalk includes two jobs in his work experience — working at Dad's Home Improvement business and Kennies Supermarket. He has been involved with wildlife and home improvement projects through FFA and participates in the county banquet, dances, volleyball tournaments, and the county picinic. He also attended the state legislative leadership conference, FFA Week at Penn State, FFA Mid-Winter Convention, and FFA contests, including parliamentary procedure, creed, conservation speaking, dairy judging and he also was a member of the Envirothon team. Although he lists no hobbies, Chalk said he plans to pursue a legal career and would like to one day own a horse farm.

Jason S. Christ

Jason S. Christ, 17, of Mifflinburg, has held a number of different leadership positions in FFA. In addition to being chapter sentinel for the Mifflinburg FFA, Christ has held the vice president position, assistant chaplain and assistant president for SUN Area Union County FFA. The son of Robert W. and Judith A. Christ, Jason has earned his greenhand, chapter, and county farmer degrees. He was also awarded star chapter farmer degree. His projects include raising a home garden, swine finishing, raising cantaloupe and various truck crops. Christ has shown a grand champion market swine at a fair, and won chapter proficiency awards for soil and water, fruite and vegetable production and for swine production. He also won a gold medal in state land judging contest and an award for his entry in an SAE record book contest. Christ chairs his chapter's livestock and dues committees and is a member of the public relations and chicken barbeque committees. In addition, he has been involved in the group's area and state land judging, livestock judging, public speaking, Farm Show demonstration team, Food For America, and the area and state record book contest. In addition to FFA, Christ is also a member of the 4-H Wildfishermen Club, Buffalo Valley Sharpshooters, Union County 4-H Teen Council, 4-H/FFA livestock committee, German Club, 1989 4-H ambassador, a member of the 4-H Kickoff Party and he is involved in various other community service projects. His hobbies include hunting, fishing, skiing, showing swine and performing community service works. He said he plans to attend college and pursue a degree in business management and administration.

Edward Clark

Edward D. Clark, 17, son of Bruce A. and Nancy L. Clark, in Enon Valley, has been involved with the Mohawk FFA chapter for almost four years. In that time, Clark has been chapter reporter and received greenhand and chapter farmer degrees, a chapter star greenhand award and a Western Regional Star Farmer degree. His FFA activities include working with a dairy herd, raising wheat, oats, corn, and soybeans. He has also been on the chapter citrus, crop, float, Food For America and Calf committees. In addition to FFA, Clark has been involved with 4-H, the Pennsylvania Jersey Cattle Club, and the American Jersey Cattle Club. He said his hobbies include clipping and showing dairy cattle and performing shop work. His plans are to pursue a two-year agricultural business or dairy science degree, and eventually own and operate his own farm.

David Clark

David Clark, 19, of Enon Valley, has been treasurer of the Mohawk FFA for three of his four years with the chapter. The son of Albert and Gerry Clark, Clark has earned his greenhand degree, and performed his work experience at Clark's Dairy Farm. Clark's FFA projects have been with dairy herd management and raising horses. Also a member of a squaredancing team and Dairy 44, Clark said he enjoys working on vehicles, working with his horses and showing dairy cattle. He said he plans to pursue a four-year degree in accounting and also become a diesel technician.

Lewis Corman III

Lewis Corman, III, of Milheim, is chaplain of the Penns Valley FFA, and has been a member for four years. The sons of Lewis Jr. and Lori Corman, Lewis III has also been his chapter's reporter and earned his star greenhand and chapter farmer awards. His FFA projects include raising dairy heifers, dairy cows, silage corn and field corn. He has been division III committee chairman, per-

(Turn to Page D12)

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Coveted Keystone Degree

(Continued from Page D11)

formed community service and showed at a district dairy show in 1988 and 1989. In addition to FFA, Corman has played high school baseball. He said his hobbies are showing cattle and "going out with my girlfriend." He said his plans are to "Take over the family farm and live a full and happy life with that special someone."

Alan Cornell

Alan Cornell, 17, of Genesee, is the son of James and Glenna Cornell. He is president of the Headwaters FFA chapter out of Northern Potter High School and has been a member for five years. A member of the chapter BOAC committee, in those five years, he has also been chapter sentinel, and earned a star greenhand and chapter farmer degree, and a master showman and master fitting award. His FFA project for the last four years has been beef production. He is also a 4-year member of the FFA dairy judging team and has been involved in New York dairy judging. In addition to FFA, Cornell has been involved in varsity soccer and basketball at school. His hobbies are hunting and fishing. After graduation, he said he plans to pursue a degree in electrical engineering at Penn State University.

Dodie Cornell

Dodie Cornell, 17, of Ulysses, is the daughter of Richard and Sherrill Cornell and has been finishing beef and lambs for FFA projects and she also has a flock of sheep as a project. Cornell has been attending FFA State Week activities for the past three years, participated in the FFA State Chorus each of those years, went to the freshman leadership conference, the officers leadership conference and has been a member of the Envirothon team. Dodie is a member of her chapter's banquet, safety and citrus committees and has been vice president. She also earned her greenhand and chapter farmer degrees, was on the parliamentary team, the forestry judging team and was an award for the state project book contest in 1988. In addition to FFA activities, Cornell is involved in school basketball, volleyball, band, chorus, show choir, SSA, Varsity Club, and for two years made district band. She said her most favorite hobby is to just be outside. Her plans are to join the U.S. Air Force and then go onto college.

Craig Cramer

Craig Cramer, 18, of Penn Run, has been a member of Penns Manor Area FFA chapter for four years and has served as its president, secretary and reporter. The son of Don and Pam Cramer, Craig has received his greenhand and chapter farmer degrees, and won awards for the Envirothon and in livestock judging. His projects include working on the 800-acre Twin Oaks dairy farm where he did milking and other herdsman duties. In addition, he showed market swine at the Indiana County Fair and placed four and fifth place over two years. He also took a third place in a master showman contest and fifth place in a master fitter contest. This past year he took third place in the Indiana Area Agronomy contest and both the past two years, placed fourth in the Indiana Area Envirothon. He said his hobbies include motorcycling and collecting baseball cards. He said he plans to attend Greensburg Triangle Technical school for heating and air conditioning training.

Steven Davis

Steven Davis, 17, Bernville, is the son of Glenn and Helen Davis, and a four-year member of Hamburg Area FFA. Steven has been on the chapter's SAE committee, and chaired and co-chaired its citrus committee for three years. His FFA project was to work for Way-Har Farms. Among his achievements are a foundation award for agricultural mechanics, and the greenhand and chapter farmer degrees. In addition to his FFA involvement, Davis has worked with audio-visual equipment. His hobby is hunting. His plans are not solidified, but he said he knows he wants to stay involved in agriculture.

Beth Dearolf

Beth Dearold, 17, of New Providence, is currently serving as reporter for the Solanco FFA chapter, where she has been a member for four years. The daughter of Kenneth and Geraldine Dearolf, she is the third member of her family to receive a Keystone Farmer Degree. Her parents, therefore, are to receive and Honorary Degree. Beth's FFA projects have been finishing beef, swine and breeding swine. She serves on the chapter's public relations, savings and earnings, and community committees. She has received awards for her project book and earned her greenhand, chapter and county Red Rose farmer degrees. Dearold has participated in creed speaking, parliamentary procedure, and public speaking contests. She lists her hobbies as fishing and horseback riding. Her plans are to continue working on the family farm. I would someday like to own a small farm.

Carl Dietrich

Carl Dietrich, 18, son, of Robert and Marie Dietrich, of Hamburg, has been vice president of Hamburg Area FFA chapter for three of the four years he has been a member. A member of the chapter's scholarship, bologna sale and parade float committees and chairman of its and banquet entertainment, proficiency awards, and superior chapter awards committees, Dietrich has worked at Hamburg Acme for the past two years for his FFA project. He has won awards for extemporaneous public speaking and in his extra time is a tilden 4-H team leader, a member of a Lutheran church youth group, the Hamburg Area German Club and the Pennsylvania Wildlife Federation. He said his hobbies are hunting, fishing, movies and comics. He plans to attend college and pursue a four-year degree in English, with a goal to seek a position in agricultural journalism.

Randy Howard Dishong

Randy H. Dishong, son of Mr. and Mrs. Donald Dishong, is a senior at Brockway Area High School, where he has been a member of the Brockway FFA chapter for four years. After graduating from high school, Randy said he plans to attend Penn State University through the Air Force ROTC program.

Esther Doll

Esther Doll, 19, is the daughter of Kenneth and Virginia Doll, of Dillsburg, and a four-year member of Gifford Pinchot FFA chapter. Her FFA projects include car remodeling and welding. Esther earned her

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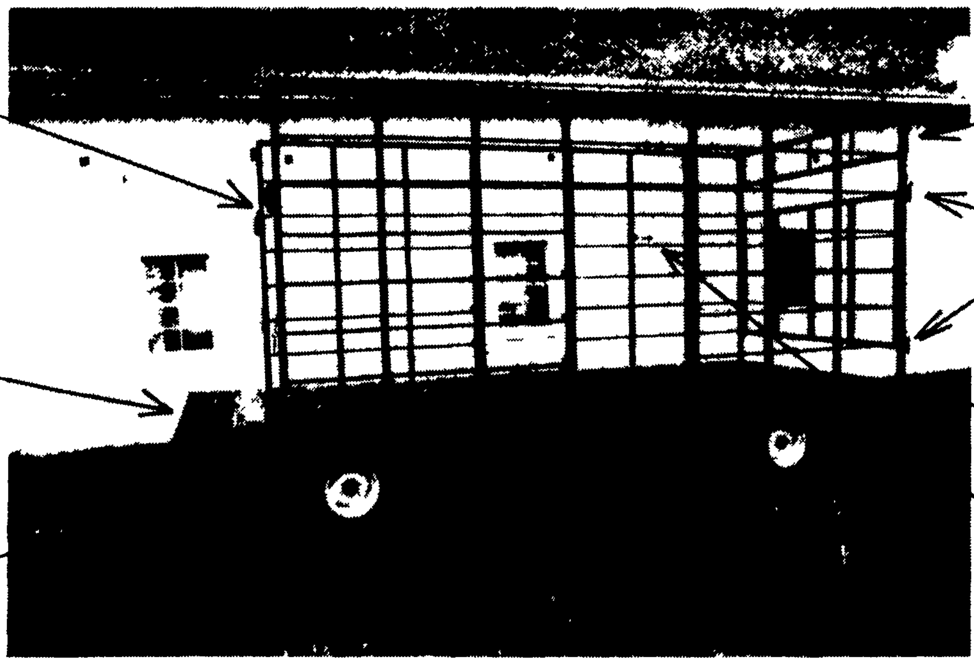
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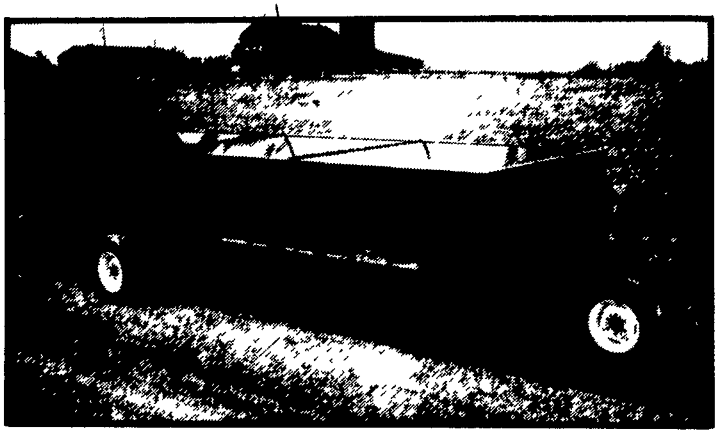

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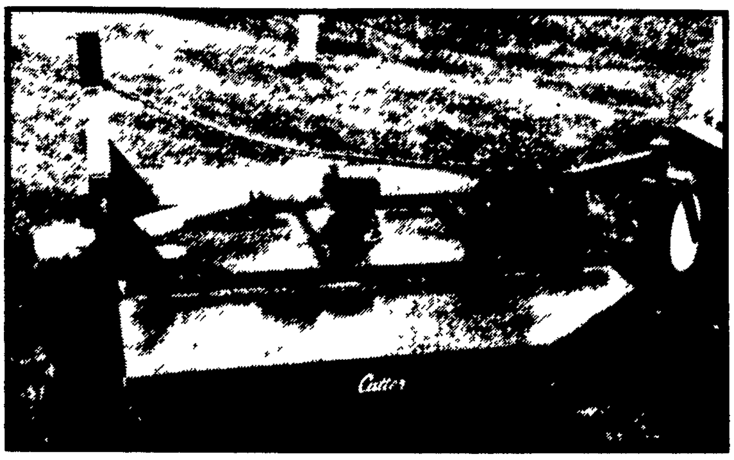

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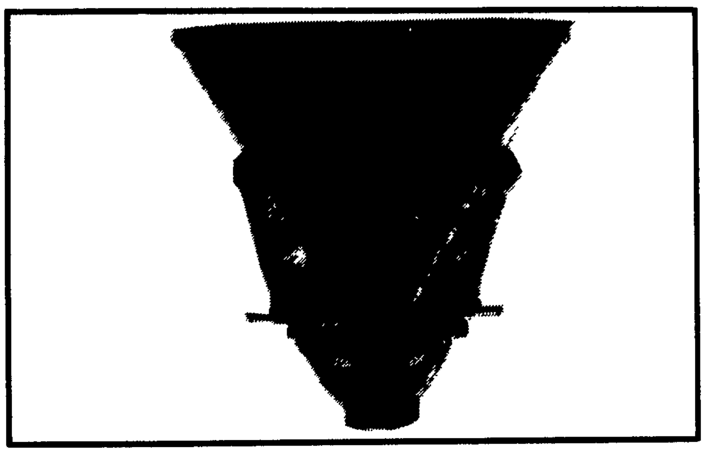

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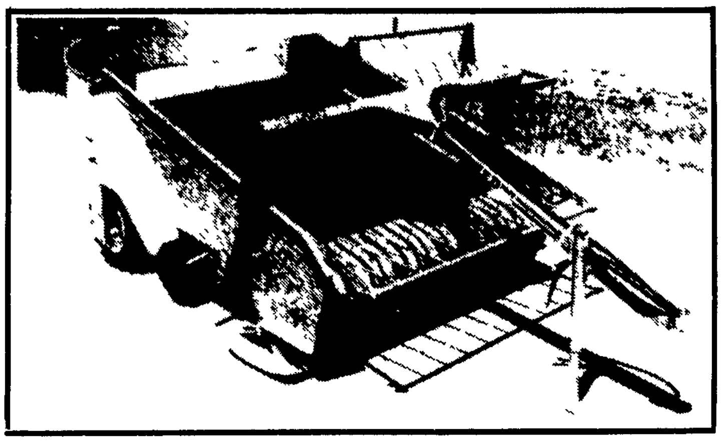

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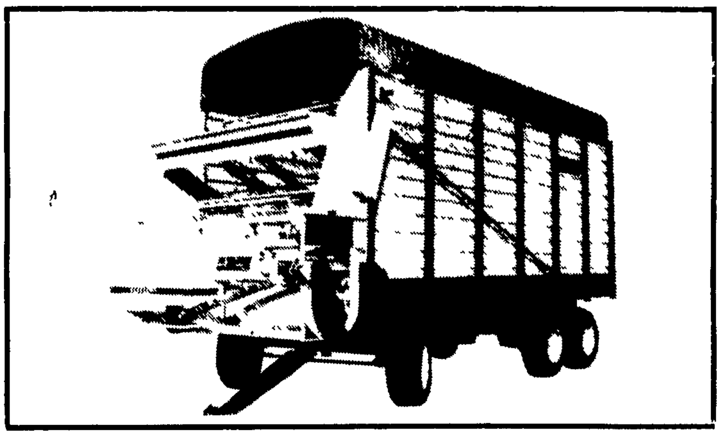

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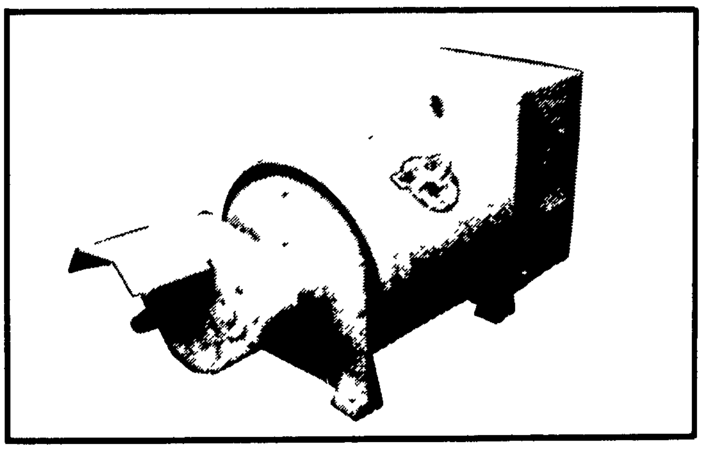

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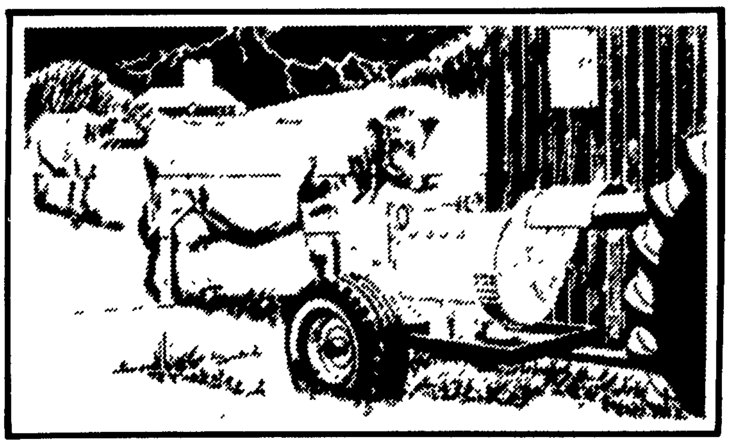

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Coveted Keystone Degree

(Continued from Page D12)

greenhand, white rose and Keystone farmer degrees and is involved in a number of FFA activities. She said her hobbies are motorcycling an water skiing and her plans are to get married and have a baby, "but travel a little first to different countries."

Christopher Duncan

Christopher Duncan, 18, has been a member of Twin Valley FFA for four years and is involved in outdoors related contests and events and horse projects. The son of Daniel and Kathy Duncan, of Elverson, his projects were wildlife conservation and horses. Duncan has won a horse proficiency award, participated in tree planting for the state Game Commission, a county forestry contest, a southeast state wildlife contest, state and county record book contests, county Envirothon, a mini-exhibit for the Reading Fair, won a forest management proficiency award, did border cutting for the state Game Commission and attended the state conservation leadership school. In addition, he has been involved in high school track, the German Club, Varsity Club, and Boy Scouting, where he serves as an assistant Scoutmaster. He said his hobbies are hunting, camping, and baseball card collecting. He said his plans are to attend college and pursue a degree that would ready him for a career as a park ranger.

Shawn W. Eberly

Shawn W. Eberly, 18, of Stevens, has been a member of the Grassland FFA chapter for four years and been its student advisor, second chaplain, and second treasurer. The son of William and Dian Eberly, Shawn has been chairman of the chapter's BOAC committee and co-chair of the Community Service Committee. His projects have been working with brood mare and foals and working at Red Rose Paint Farms and E&G Concrete Inc. While in FFA, he has been active in seed sales, state and local farm shows, area meat contests, Ford New Holland days, elementary petting zoos, officers retreats, Penn State horse judging, Penn State dairy foods contest and petting zoos in New Holland. He has won a horse proficiency award, a farm and homestead improvement proficiency award, agricultural processing award, his Star Greenhand, star chapter, star county Red Rose farmer degrees, was county runner-up Red Rose agribusiness awardee, the Lancaster County Keystone Star Agribusiness award, greenhand degree, chapter degree red rose degree and keystone degree, and was chapter delegate to the 1990 nation convention. In addition to FFA activities, he has been in his school band, 4-H Boots and Saddles club, played football, president of the state Jr. Paint Horse Association, state team penning association, school jazz band, and is a member of the youth group at Grace Fellowship Church. His plans are to work in the concrete business and receive training in building technical forms. He said he is considering pursuing a college degree in agriculture. His hobbies are hunting, fishing, sports, water skiing, skiing, riding horses and model railroads.

Bo Elliot

Bo Elliot, 17, of Towanda, is vice president of Athens FFA chapter and has received his greenhand, chapter, county, keystone and farmers degrees. The son of Charles and Mary Elliott, he has been an FFA member for four years and has been involved in tractor driving, forestry, horse judging, poultry judging, agricultural mechanics, dairy foods, meat judging dairy cattle judging, livestock judging and FFA Day. In addition to FFA activities, he has been involved with high school wrestling, basketball, bowling. His plan is to become a dairy farmer and his hobbies are restoring old trucks and tractors.

John Esenwein

John Esenwein, 17, of Danville, has been reporter for his Danville Area High School FFA chapter and a member of its banquet, farm, Bloomsburg Fair and Montour-DeLong Fair committees. The son of John and Peggy Esenwein, John has received his greenhand, chapter, star greenhand and star chapter farmer degrees. In addition to FFA, he is involved in 4-H and church youth group. His plans are to go into partnership with his father on their hog farm. His hobby is hunting.

Matthew Fenton

Matthew Fenton, 18, of Greenville, is president of the Reynolds High School FFA chapter and has received his greenhand and chapter farmer degrees. The son of Charlotte and Earl E. Fenton Jr., Matthew has been a FFA member for four years and involved in his chapter's citrus sales committee and participates in local and state livestock contests. In addition to FFA, he has been manager of the school marching band, a jazz band roady, a member of the stage crew, in 4-H (1990 Outstanding 4-Her), a teen leader in the "Just Say No" program, on the Honor Roll, and has held a part-time job at Carl's Golden Dawn and he works on the family farm. He has been accepted to Penn State University and plans to major in animal science and minor in cooperative extension work. His hobbies are hunting and riding ATV.

Linda Fisher

Captain Jack FFA member Linda Fisher, the Mifflin Co. dairy princess, plans to attend Grove City College to major in elementary education. Linda served as vice president and reporter of her chapter. The Mt. Union Area High School student has also served on the executive committee, halloween float committee, and scrapbook committee. She has shown at the Mifflin Co./Huntingdon Co. Fair and received grand champion honors for hay in the Huntingdon Fair. She has also exhibited at the Harrisburg Farm Show.

Steve Fisher

Steve Fisher, 17, of St. Thomas, is the son of Glenn and Verda Fisher, and has been a member of the Conococheague FFA chapter at James Buchanan High School for the past four years. He is currently president of the chapter. His other offices have been treasurer and parliamentarian. He has earned his greenhand, chapter farmer and county farmer degrees, wa the 1990 Franklin County Star Agribusinessman, and he won a sivler medal in the national farm management contest, first place in the Franklin County project book contest, and a silver award in the state farm management contest. He has also been on his chapter's citrus, scholarship, and banquet committees. In addition to FFA, Steve has been a member of the Tuscarora Outdoor Club and the National Honor Society. He said his plans are to work for his father's dairy farm.

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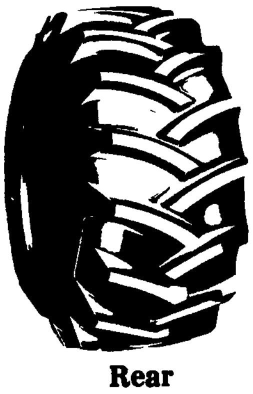

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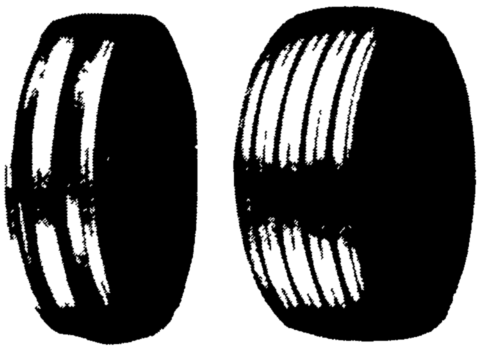

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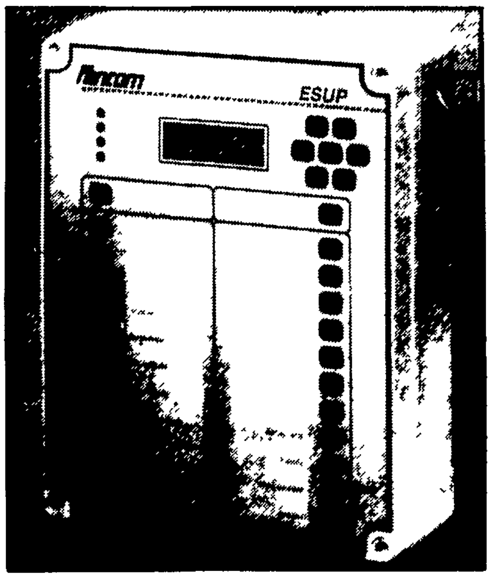

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(Continued from Page D14)

Brad Fleming

Brad Fleming, son of Mr. and Mrs. John D. Fleming, has had FFA projects of swine finishing and breeding, potatoe production and working for a landscaping business. A member of the Brockway Area High School for four years, Brad said his plans are to attend Penn State University to study wildlife biology.

Robert M. Franklin

Robert M. Franklin, 17, of Spring Mills, is the son of Rose Franklin and has been a member of Penns Valley FFA for four years. His FFA projects have involved dairy heifer, dairy cow and silage corn. He has been chairman of the chapter's reaction division, salesmanship and contests committees. Over the years, he has received a junior scholarship award, been the area agriculture sales contest winner for two years and area forestry contest winner for two years. He said his hobbies are sports, coin and card collecting and he plans to go to college or own a farm.

Alison M. Fry

Alison M. Fry, 18, of Mifflinburg, is president of the Mifflinburg FFA chapter and vice president of the SUN FFA chapter. The daughter of Richard Fry, Alison's FFA projects have been beef finishing and performing off-farm work experience. She's been involved in the chapter's chicken barbeque, Donkey basketball, cider, FFA Week, and summer tour committees. She has attended the national leadership conference and the national FFA convention. In addition, Alison has played soccer in high school and lists her hobbies as bike riding and volleyball. She said her plans are to attend college and major in agriculture education.

Billie Jo Gamble

Billie Jo Gamble enjoys flowers, and her plans include attending classes for floral design and obtaining a job in the horticultural field. A three-year member of the United FFA, Billie Jo is listed in "Who's Who" for high school students, and has been involved in a wide array of FFA activities and committees, including Food for America, banquet, fruit sale, and other committees. She enjoys skiing, art, dancing, and working with plants.

David Scott Good

The food service business figures strongly on David Scott Good's list of future plans. David, a four-year member of Troy FFA, has experience in three years of swine finsihing and one year of sheep production. He has been Citrus Committee chairman and served on the Budget and Public Relations committees. He has also been chapter treasurer and vice president. David has been honored with the Greenhand, Chapter, and County degrees, and earned first place in public speaking, first in meats judging, second place in an interview contest, and was honored with the L.R. Guilliaume Award. He enjoys hunting, working on cars, and playing pool.

David Good

Dairy husbandry features strong in the plans of David Good, who plans to attend Delaware Valley College. David is a four-year member of Cowanesque Valley FFA, where he has served as president and treasurer. David also serves as county vice president. Recently, David was honored with several awards, including Star Greenhand, Star Chapter Farmer, and Dairy Proficiency awards. He has been a delegate to the state Dairy Judging Team. He enjoys hunting and football.

James Grube

A member of the Southern Lancaster County Sportsman Club, James Grube has been involved in a wide array of wildlife conservation programs in his Solanco FFA Chapter. He has served on the Community Service and other committees. Currently chapter sentinel, James has been awarded the Greenhand, Chapter, and Red Rose degrees, in addition to the Star Greenhand Award. He enjoys hunting.

(Turn to Page D16)

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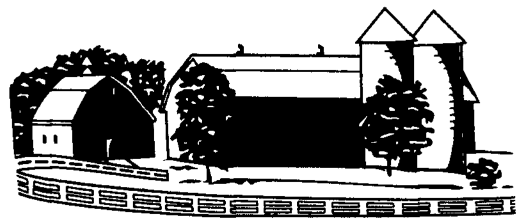

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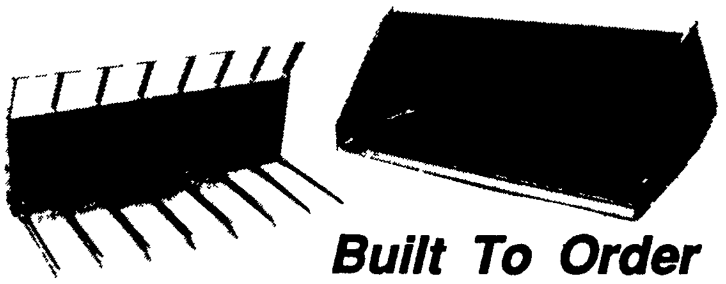

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(Continued from Page D15)

Scott Grubb

"I would like to have my own hog and livestock farm and also work as a mechanic," said Scott Grubb, three-year Little Dutchmen FFA member. A student at Annville-Cleona, Scott has been involved in various projects, including work with a swine herd, a dairy farm, in dairy judging, and has served on the BOAC Committee and Parliamentary Procedure Team. He has serves as chapter president and county vice president, and enjoys volleyball and basketball.

Nathan D. Hackenburg

Nathan D. Hackenburg, a four-year member of Selinsgrove FFA, has been involved in various on- and off-farm FFA activities. He has been involved in various committees, including exhibit, cider, fruit, and Corn Club. For his chapter, Nathan was assistant reporter, reporter, and president, and Snyder Co. vice president. Nathan has been honored with the Greenhand, Chapter, and SUN Area degrees, and the Snyder Co. Star Degree. In his spare time, Nathan enjoys hunting, fishing, and drag racing.

Shane Hartranft

Shane Hartranft, 17, Newmanstown, son of Barry and Doris Hartranft, is a four-year member of ELCO FFA chapter. He has served as chairman of its field committee for two years. Shane has been involved with cooperative activities, recreational and supervised agricultural experience projects. He has earned his greenhand and chapter degrees and had placement in an agricultural county degree. He attended the 61st and 62nd national FFA conventions and also won award for work with dairy calves. His hobbies include raising livestock, hunting and cycling. His plans are to go West and work on a combine crew after he graduates. He said he eventually wants to own a farm.

Wayne J. Hassinger II

Planning to attend Delaware Valley College to major in dairy sience, Wayne J. Hassinger II wants to go onto veterinary school and one day be a veterinarian. A four-year Middleburg FFA member, Wayne has been involved in various FFA projects, including dairy heifer, cow, beef feeding, beef finishing, rabbit breeding and finishing, poultry, and home gardening. He has chaired various committees and been involved in dairy and land judging contests and was involved with the Parliamentary Procedure Team. In addition, Wayne was chapter president, treasurer, and SUN Area FFA advisor, and was awarded the SUN Area, Chapter, and Star Greenhand degrees. Wayne is "very active" in 4-H, he said, and is junior director of the Snyder Co. Holstein Association and Snyder Co. 4-H Foundation. He enjoys hunting, reading, and working with animals.

Rebecca Heebner

Rebecca "Becky" Heebner, 19, St. Thomas, is in her sixth year with Conococheague FFA chapter. During that time she has served as its president, vice president and treasurer. The daughter of E. Wayne and Clare M. Heebner, she has received star greenhand, star chapter, and star county farmer degrees and from June 1989 to July 1990, worked on a farm in Germany as part of a congress Bundestag scholarship. Becky has a dairy herd project consisting of eight cows, two heifers and three calves and a Red and White herd bull. Most of her herd is registered. She also shows dairy cattle at the district, county and state fairs. In addition to FFA, Becky participates in her church youth group. Her hobby is to watch or play sports, and her plans are to attend Delaware Valley College and eventually take over the family farm.

David L. Helman

David Lee Helman, 18, of Chambersburg, is the son of Mr. and Mrs. Ronald Helman, and a member of the Blue Ridge FFA chapter. His FFA projects have been involving dairy cows, dairy calves, corn production, potato production and on-farm work experience. Currently his chapter's sentinel, he has been chaplain and has received his greenhand and chapter farmer degrees. His awards have been in ag sales, diversified crops, chapter scholarships, and was first place in the county salesmanship in 1989. He was voted most improved underclassman in 1990. In addition, he plays football and is on an executive council. His hobbies are collecting toy tractors and playing sports. His plans are to work on his father's farm.

Mike Henderson

Mike Henderson, 18, of Honey Brook, has been chapter sentinel and treasurer of the Twin Valley FFA. The son of Debra Stanford, Mike has performed work experience at a dairy farm and has been involved in a number of FFA activities, including taking silver medal for state record book, bronze medal in state record book, entered a county public speaking contest, won an agricultural electrification proficiency award, had placement in ag production proficiency,

(Turn to Page D18)

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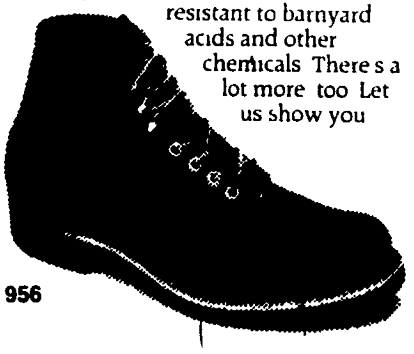

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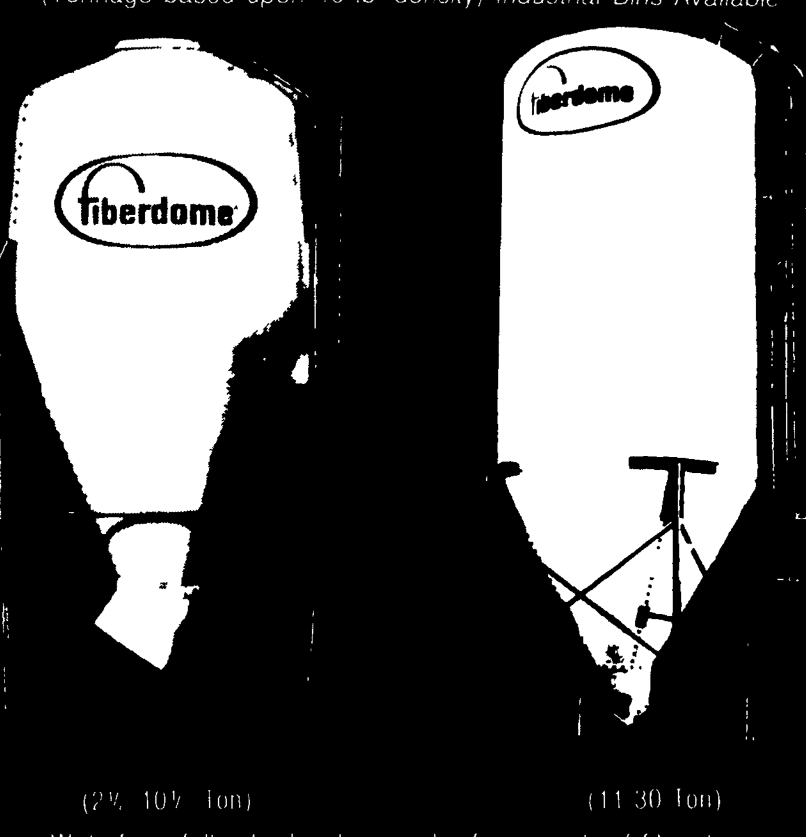

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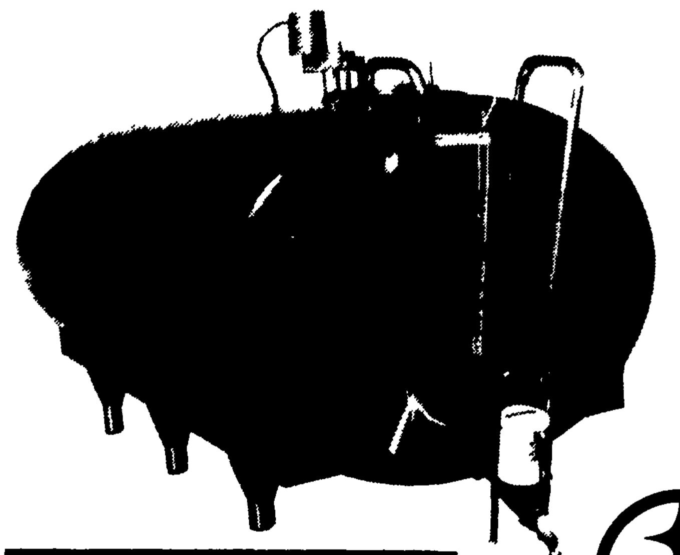

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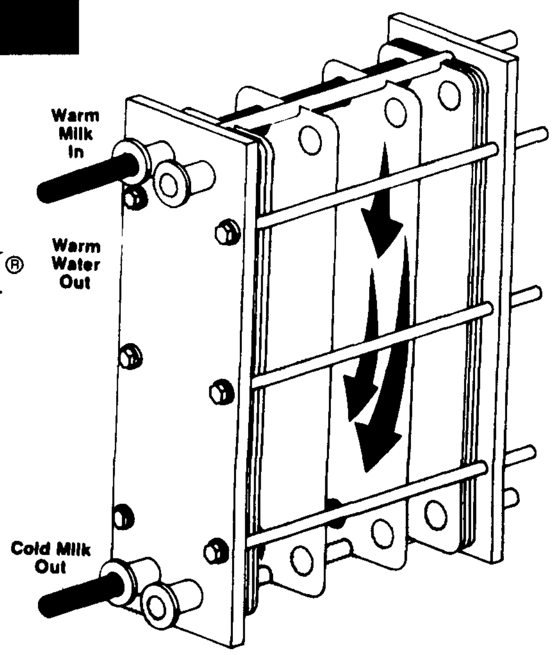

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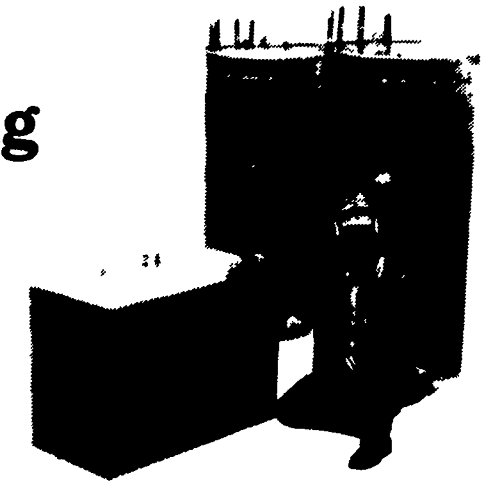

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Coveted Keystone Degree

(Continued from Page D16)

was chapter delegate to the state FFA convention, county agronomy contest, and attended a county leadership training conference. He also was involved with Farm-City Week banquet, entered an ag mechanic contest, did border cutting and tree planting projects with the state Game Commission, entered area dairy cattle judging contests, and sat on the chapter's ag day breakfast committee and chaired its field corn and soybean test plot committees. In addition he works for the Morgantown Fire Co. and would like to work as a welder or a paid firefighter. His hobbies are hunting, fishing and trapping.

James Herr

James Herr, 18, of Quarryville, is the secretary of the Solanco FFA chapter where he has earned his greenhand, chapter and county Red Rose farmer degrees. He serves on the chapter's recreation, alumni and banquet committees. The son of James and Linda Herr, James' projects include work experience in agribusiness. In addition, he is a firefighter with Quarryville Fire Co., and a member of the Chestnut Level Presbyterian Church. He said his hobby is hunting and he is uncertain about his plans.

Jayne Nadine Hess

Jayne N. Hess, 17, of Gettysburg, is the daughter of John and Bonnie Hess. She has been vice president of the Conewago FFA chapter of which she was a member for four years. Jayne's FFA project has been a dairy herd. In addition she serves on the chapter's BOAC and Food For America committees. She is also involved in FFA dairy judging and public speaking contests. She has received her star chapter degree and awards in dairy proficiency and public speaking proficiency. In addition to FFA, Jayne plays high school field hockey, is treasurer of her class, on the student council, a member of FBLA, and in 4-H. Her hobbies are writing, exercising, and spending time with friends.

Troy Hess

Troy Hess, 17, a student at Oley Valley, plans to attend "a notable taxidermy training school and eventually open my own taxidermy studio," he said. Troy's involvement with Oley Valley FFA includes serving on the Citrus and BOAC committees and working on various wildlife projects. He has been honored with the Greenhand degree and won a Wildlife Proficiency Award. In addition, Troy picked up a silver medal at a state wildlife contest. He enjoys hunting, fishing, and skiing.

Mandy Hilbert

Mandy Hilbert, 16, of Littlestown, daughter of Harry and MaryJane Hilbert, in is her second term as president of the Littlestown FFA chapter. She has also served as its secretary. She has earned her star greenhand, and star chapter farmer degrees and won awards for showing champion swine and sheep. She also received foundation awards for diversified livestock and public speaking. Her projects include beef, sheep and swine production and work experience on a dairy farm. She has attended the FFA PSU WEEk, state legislative leadership program, a Washington conference, a national FFA convention, a freshman leadership conference, state chapter presidents confernce, AY officer training. She has also participated in FFA contests including creed, public speaking, parliamentary procedure, and livestock judging. She has also been on the state nominating committee

(Turn to Page D19)

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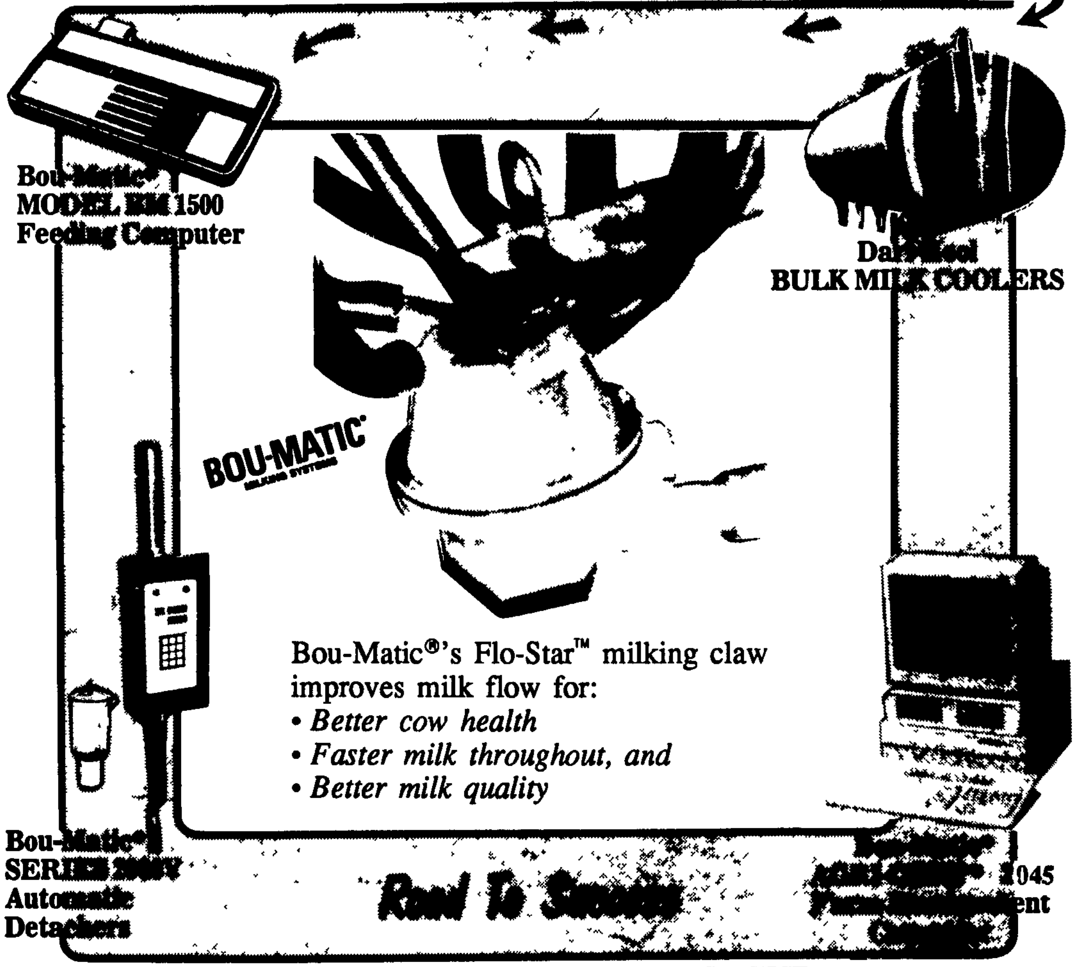

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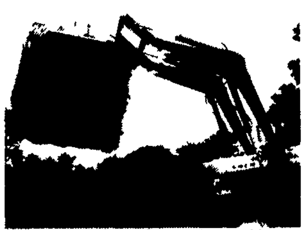
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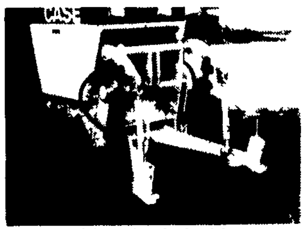
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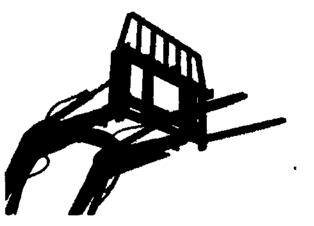
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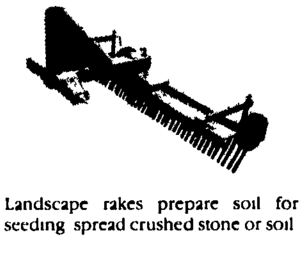
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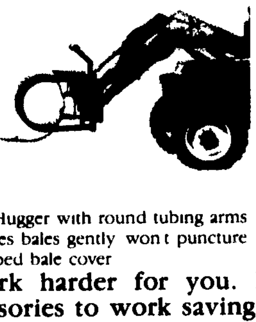
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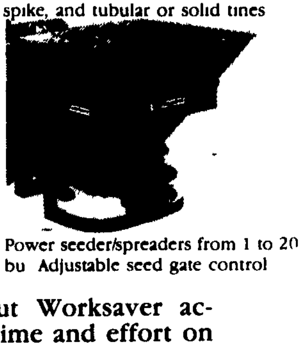
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(Continued from Page D18)

for state officer selection. In addition to those activities, Mandy has been involved in 4-H beef, sheep and swine clubs, county 4-H council, a peer support program and the Jr. Statesman of America, high school track and on its field hockey team. She has also been on the high school speech team. She said her hobbies are showing livestock, running hurdles, and traveling and meeting people. Her plans include to study animal health care, agricultural education and continue public speaking.

Richard Hissong

Richard Hissong, 19, of Mercersburg, plans to return to his family's 400-acre dairy farm, or go into another field of agriculture after finishing with college at Penn State University. A member of the Conococheague FFA at James Buchanan High School, Richard is a fourth semester sophmore at PSU. He is the son of Ronald and Judith Hissong. His FFA activities include dairy and crop production projects, and serving as chairman of the banquet committee and as a member of its Food For America committee. He has been in National Honor Society, the high school marching band, SADD, American Field Serive and Ski Club. In 1988 he went to the state Governor's School for Agriculture. At college, he is a member of the Penn State Marching Blue Band and in the Dairy Science Club and the Ag Mechanization Club. In FFA he earned his chapter. county, greenhand and state farmer degrees, won awards in state conservation prepared speaking in 1988, public speaking, and serveral first place regional area and county prepared and conservation speaking awards. He was third in the state farm managment contest and third in the project book contest. His hobbies are shop work, train modeling, wood working and welding.

Melissa Hillyard

Melissa Hillyard, 17, of Ulster, is the daughter of Benjamin and Kathleen Hillyard, and has been secretary of the Athens High School FFA and secretary and treasurer of the county FFA chapter. She has received her greenand, chapter, county, and keystone farmer degrees and has been involved in salemanship, landjudging, livestock judging, horse judging, wildlife agronomy, poultry judging, dairy foods, meat judging, dairy cattle judging and worked on the county FFA banquet and FFA Day for Bradford County. In addition to FFA, Melissa has been in 4-H, a highschool cheerleader, played softball, been in band and a majorette. Her hobby is showing cattle statewide and she plans to live on a dairy farm and become a successful shower of cattle.

Lisa Hinkel

Lisa Hinkel, 18, of Millerstown, is the daughter of Steve and Betsy Hinkel. She has been a four-year member of Greenwood FFA chapter and served as vice president and reporter for two years. She has received the chapter star farmer, chapter star greenhand degrees, star junio agri-science award, the Matt Polski Memorial award, the Gran Horizon award. Her projects have in sheep and swine and farm show and Perry County Fair activities. She won awards for proficiency in sheep and swin and has entered public speaking contests. In addition, she is on her high school field hockey and track teams, a member of the GAA, National Honor Society, student council, yearbook staff, wildcat writers, winter conditioning and SADD. Her hobbies are raising and showing sheep and pigs and jogging. She plans to attend college and pursue a four-year degree.

Robert L. Hodge

Robert L. Hodge, 17, son of Ronald and Eleanor Hodge, has been a member of Mohawk FFA chapter for more than three years. He has been president and secretary. Hodge has also won first place in a salesmanship contest and was awarded Keystone and Star agribusinessman honors. His activities include

(Turn to Page D20)

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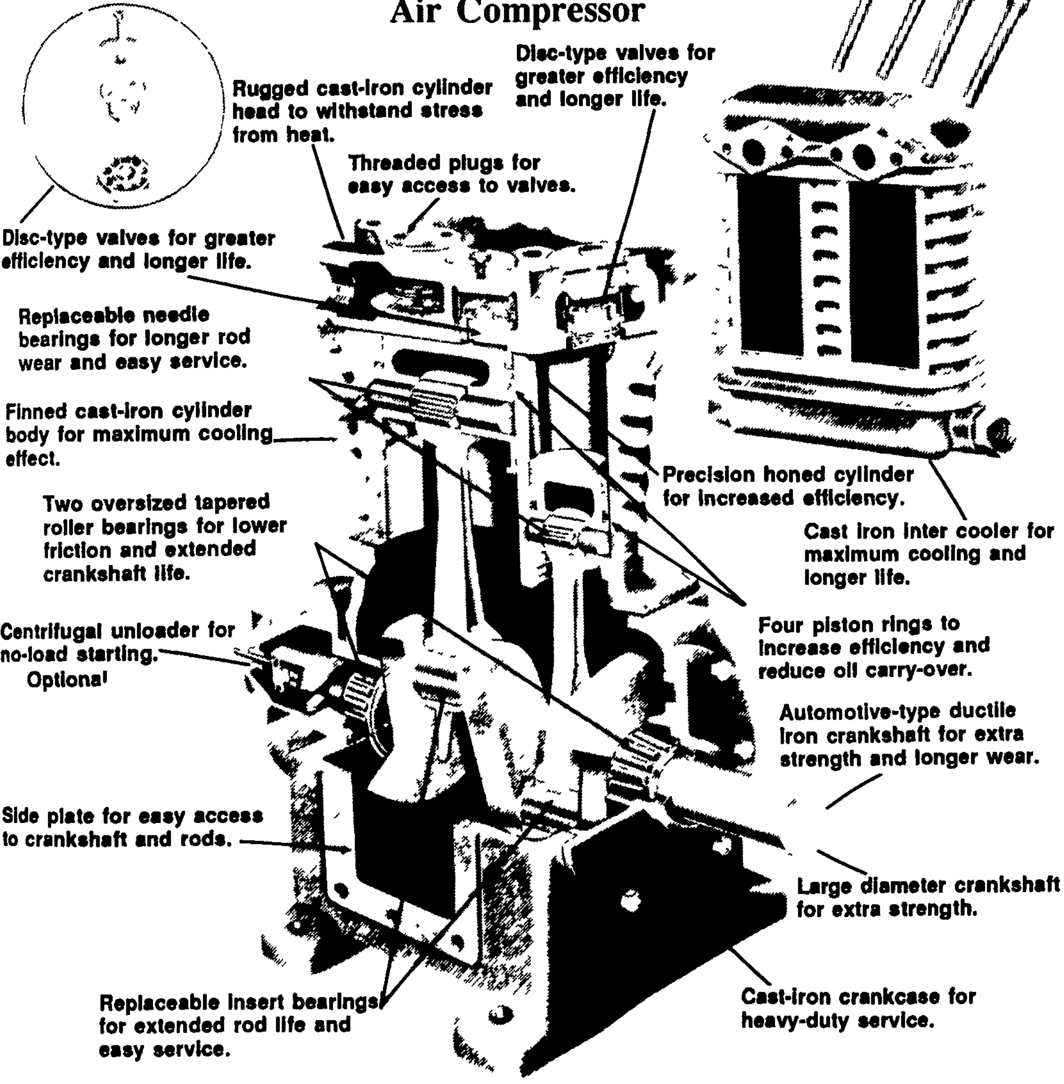
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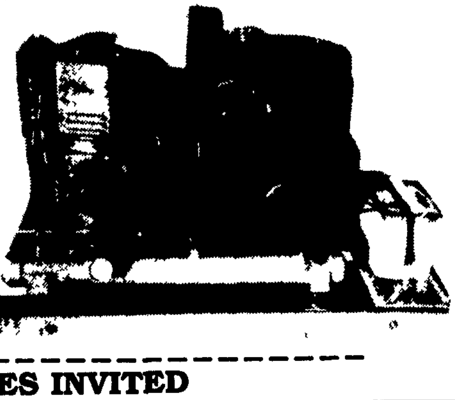

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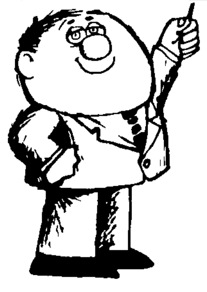

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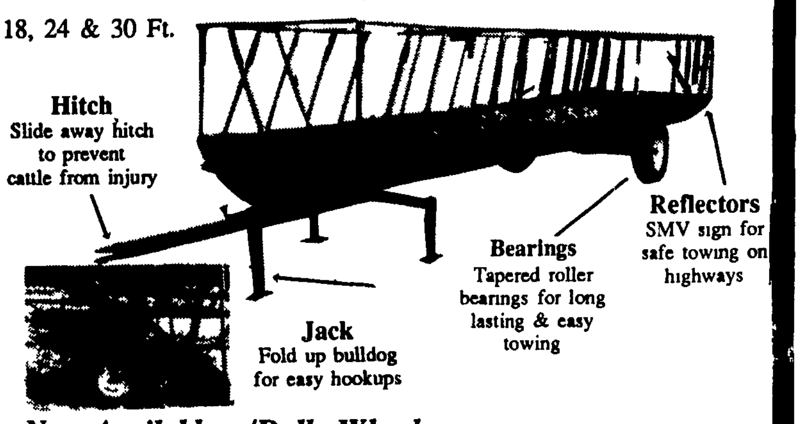
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Coveted Keystone Degree

(Continued from Page D19)

raising beef and truck crop production. He is the owner of a feed store and mowing business and is the recipient of a calf from the calf chain, participated in the ag career day and FFA sales programs. He has also received a first place in a tractor driving contest. In addition, he is on his church nominating committee, church choir, youth group and was a member in his high school senior class play. His hobbies include square dancing and shop work. He plans to purse studies in avionics and agriculture business management.

Kathy Jo Hoff

Kathy Jo Hoff, 18, of Aspets, daughter of Wayne and Betty Hoff, has been a member of Apple City FFA chapter for four years and has earned her greenhand, apple, and chapter degrees. She was state meat champ in 1989 and has activities which include work experience as a meat cutter. She has been on the all America dairy judging, Keystone Livestock judging, a national meats contest, and interviewing with FFA activities week at PSU. In addition, she is a member of the Biglerville High School varsity club. Her hobby is to collect pigs and she said she plans to become a meat inspector.

Shelia Holland

Shelia Holland, 17, of Tyrone, is the daughter of A. Lee Heidler. Shelia has been a member of the Tyrone Area FFA chapter for the past four years. Her activities include writing and helping to stage a vo-ag guidance playette. Her SAE work was in lambs and dairy. Among her achievements, she has been chapter secretary and reporter, a state creed speaking finalist, a state public speaking finalist and a chapter farm placment winner. She plays powderpuff football as an extracurricular activity and said her hobbies are music and talking on the phone. Her plan is to go to nursing school.

Cathy Horvat

Cathy Horvat, 18, of Pottstown, the daughter of Stephen and Charlotte Horvat, is vice president of the Owen J. Roberts FFA chapter. A member for four years, she is also sentinel fo the Chester-Delaware counties council. She has been on the chapter's citrus committee and won a blue ribbon in Chester County for her S.O.E. project book involving working at Manatawny Manor, for which she also received a gold medal at the state level. Recently, Cathy won $50 from the VFW for a speech she wrote on democracy. Her participation in FFA activities has been a leadership conference on cooperatives at Shippensburg University and an activities conference at Penn State. She is also done horse judging. In addition she plays high school softball and said her hobby is helping people. Her plan is to work fulltime for a year and then to go to college to study child care.

Richard D. Hoyman

Richard Dean Hoyman, 18, of Garrett, is the son of Mr. and Mrs. Ronald Hoyman. Richard has been a member of the Somerset County AVTS FFA chapter for three years and has been involved in the FFA record book contest, forestry contest at the county, state and national level, been on the chapter procedure team, enter a wildlife contest and serves on its tree seedling and BOAC committees. His offices held include county reporter and chapter student advisor. He has earned his greenhand and chapter farmer awards. He was a state forestry contest winner and state FFA project book winner. In addition he has played FFA basketball, goes to Rockwood High School and enjoys hunting and fishing. His plans are to continue farming.

(Turn to Page D22)

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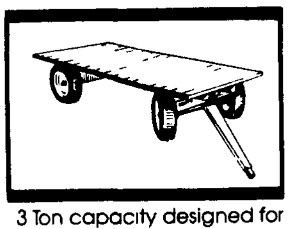

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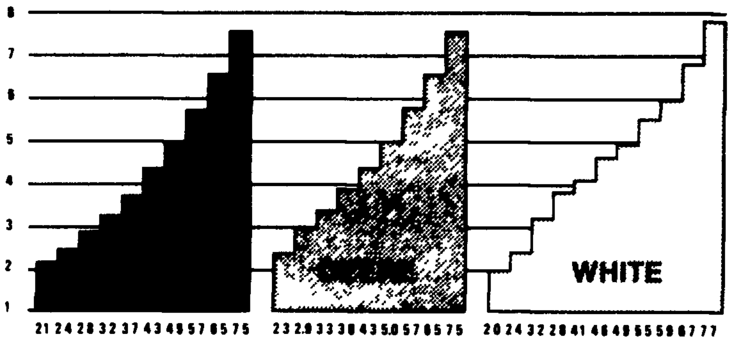

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Coveted Keystone Degree

(Continued from Page D20)

Kimberly Hubert

Kimberly Hubert, 18, of Honey Brook, has done her work experience at the Greensery in Morgantown. The daughter of Robert and Janet Hubert, she has been a member of Twin Valley FFA for four years and is its secretary. She has received a floriculture proficiency award, entered a county record book contest, went to the Blue Mountain cooperative institute, entered a state record book contest, was chairman of the chapter's pumpkin contest and Food for America committees and served on its county livestock judging, ag day breakfast, and BOAC committees. She has attened a Berks County leadership training conference, the state Farm Show, area poultry judging contests and won an extemporaneous speaking proficiency award. She also took first place in a state FFA interview contest and attended a national FFA convention. In addition, she was on the school cheerleading and softball teams and in the future plans to attend a two-year college and then go on to open a flower shop.

L. Ashley Hurst

L. Ashley Hurst, 18, of Cloister FFA chapter, has been its secretary and president. He is the son of Leon and Betty Hurst, Ephrata. A four-year member, Ashley has raised 100 capons during each of the last two years for a project and has also finished swine. He has also been on the chapter's leadership committee. Among his awards, he has earned a greenhand, chapter, and county Red Rose farmer degree. He has won the Star Red Rose Argribusinessman award. A member of the Hinkletown Youth Group, he plays softball for the church softball team. He said his hobbies are hunting, fishing and all team sports. His plans are to go into the excavation field.

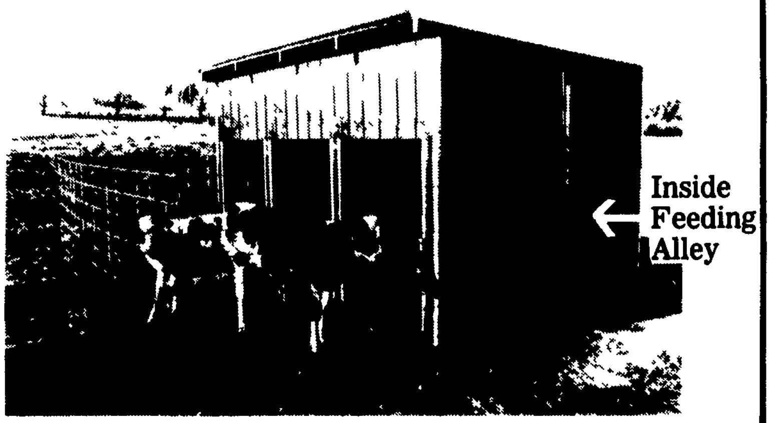
Mark V. Hushon

Mark Hushon wants to go to a two-year trade school or start to work on the home farm and "slowly buy into the business," he said. Mark is a four-year member of Kennard-Dale FFA and has been involved in dairy judging and other FFA activities. A former member of the Parliamentary Procedure and Small Gas Engine teams, Mark placed second place in the state in small gas engine judging. He has been county sentinel and treasurer and chapter vice president and president. He enjoys hunting, riding four-wheelers and snowmobiles, and showing cattle.

Andrew M. Ill

Andrew M. Ill said he would either like to be a dairy farmer or perhaps an agriculture equipment mechanic. A four-year veteran of Cedar Crest FFA, Andrew has been involved in various projects, including horse records and dairy farm work experience. He has been involved with the Supervised Farming Committee, Leadership Committee, and Earnings and Savings Committee. He is co-chairman of the Recreation Committee and has been involved in county land juding and state small gas engine contests. Andrew has been honored with the Greenhand and Chapter degrees, and won first place in the county small gas engine contest and first place in the state project book competition. He enjoys sports and automotive racing.

(Turn to Page D27)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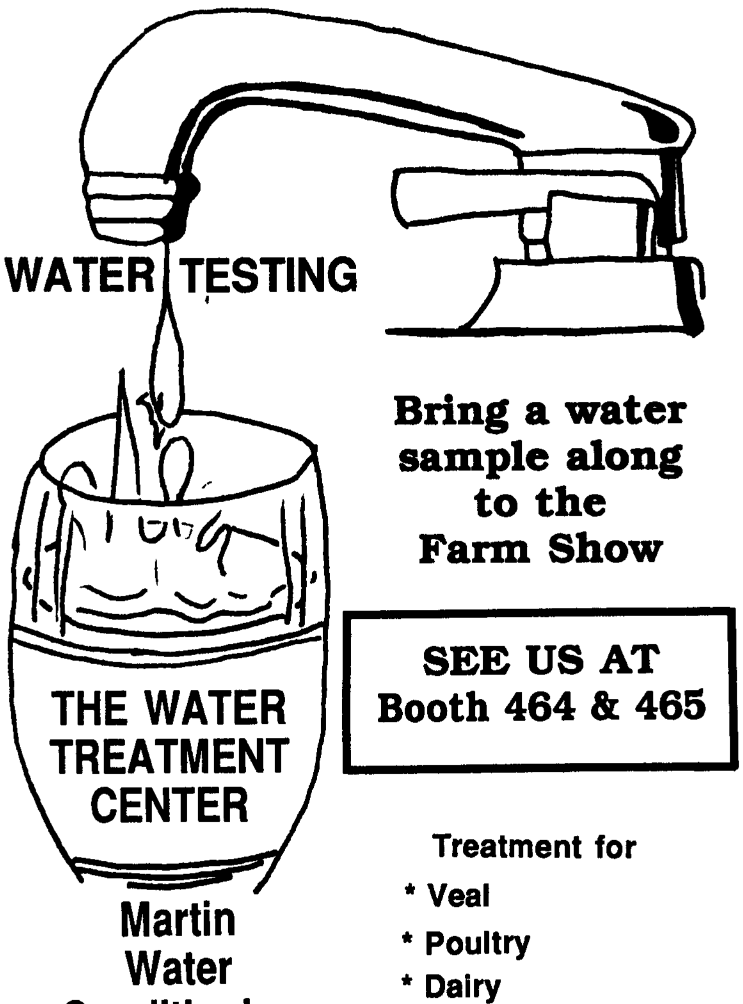

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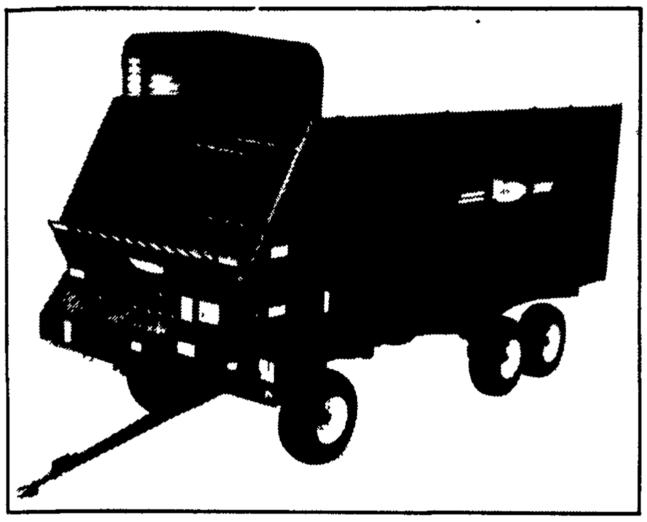

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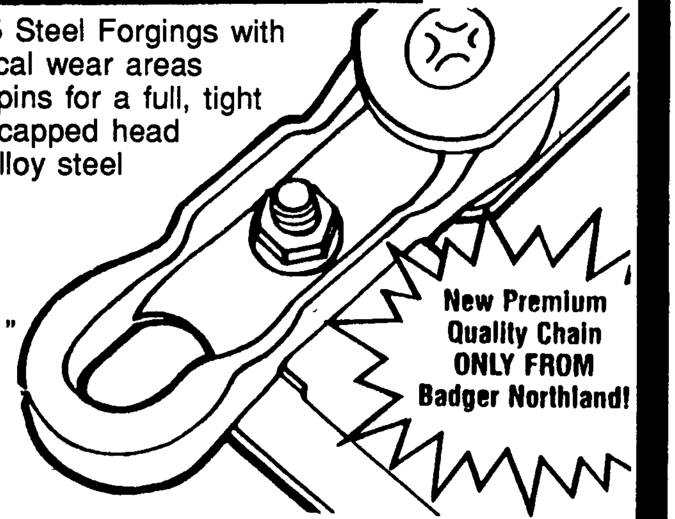

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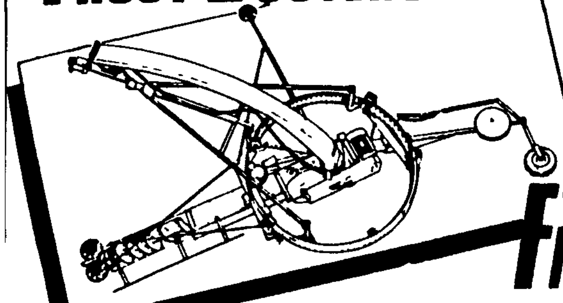

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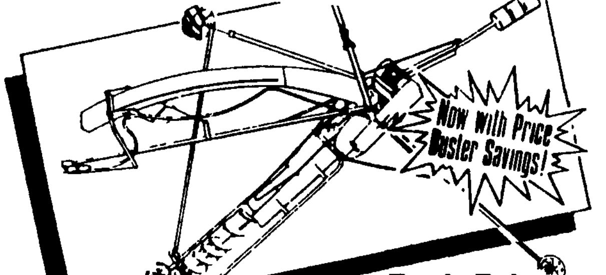

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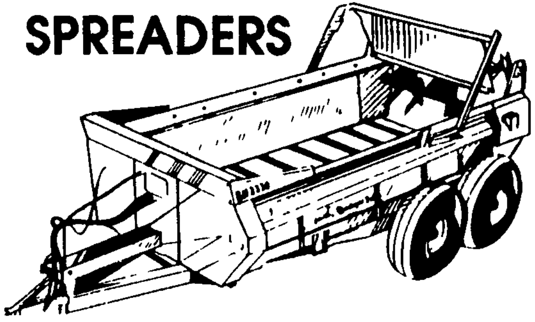

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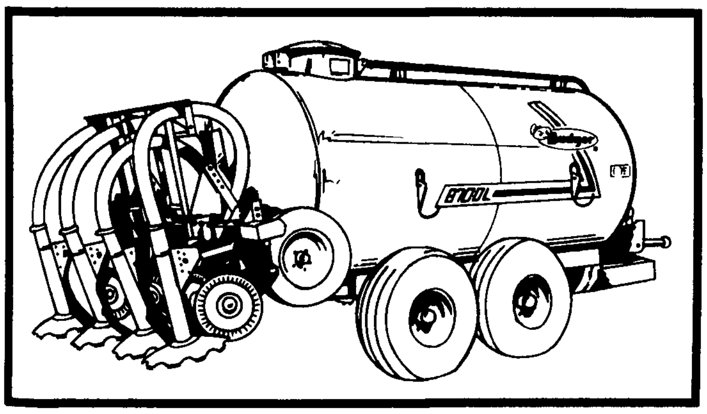

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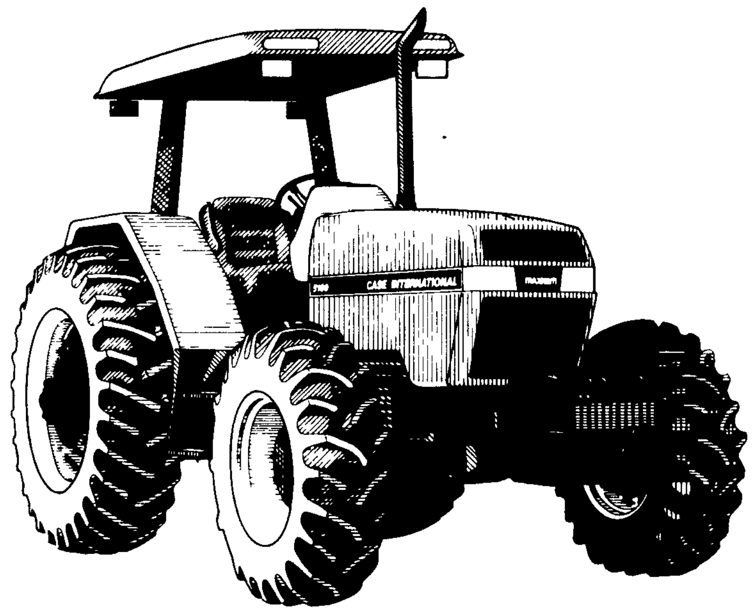

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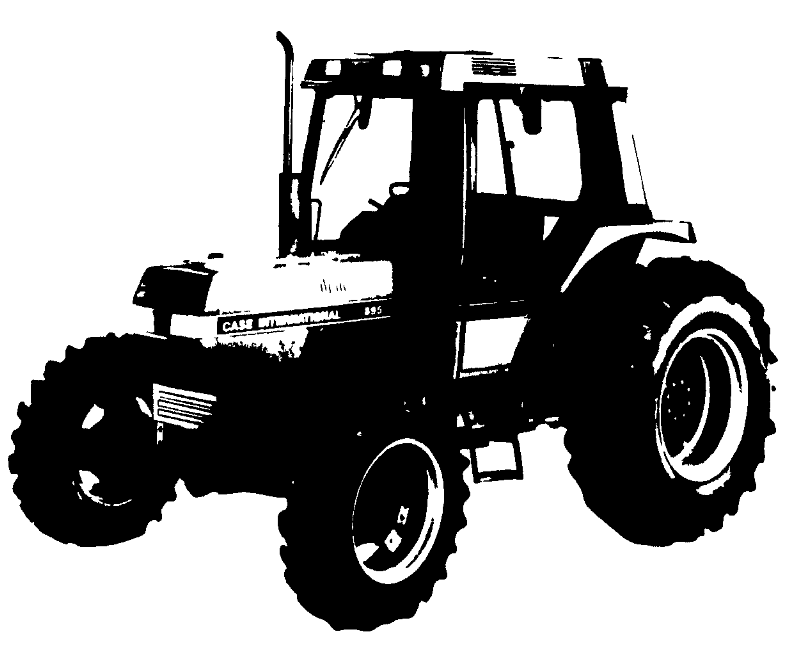

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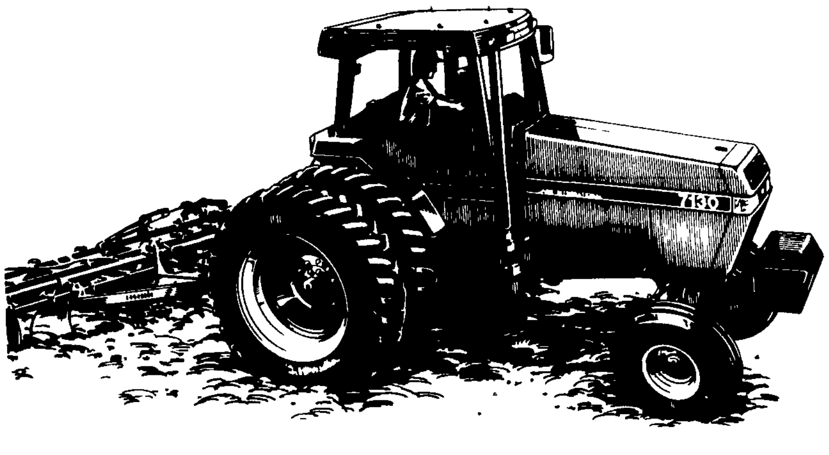

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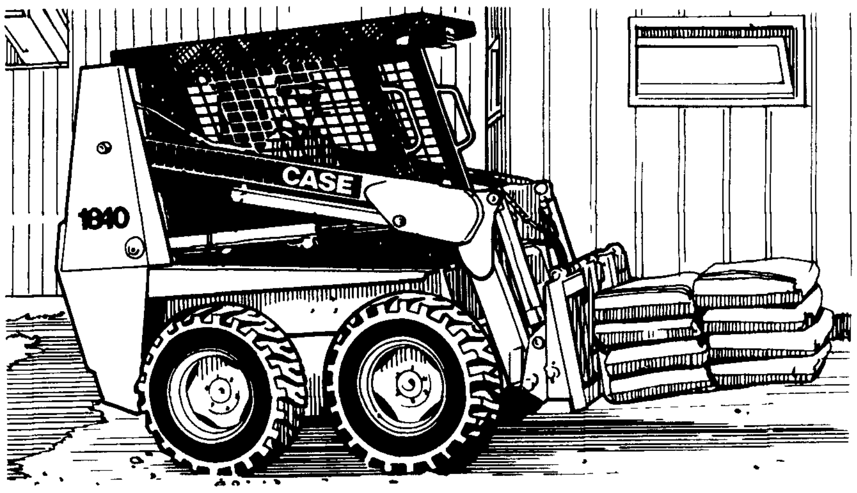

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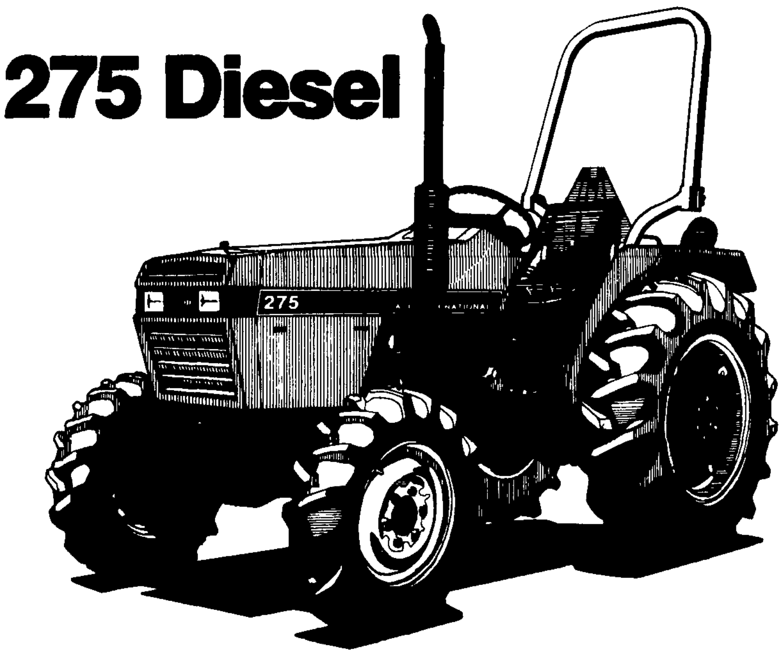

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Coveted Keystone Degree

(Continued from Page D22)

George David Inhof

College is in the future, according to George David Inhof, four-year Owen J. Roberts FFA veteran. Various FFA experiences include citrus sale, Food for America, and banquet committees, and he has been chapter treasurer, secretary, vice president, and president. He has been preisdent also of the county FFA. George has been honored with the Greenhand and Chapter degrees, and won gold in the state project book two years in a row. Selected to be on the scholar staff in 1991 of the American Institute of Cooperation, George received first in the PAFC 1990 contest and top 12 in the state. He enjoys volleyball, basketball, hunting, fishing, football, and baseball.

Rhick Scott Johnson

Rhick Scott Johnson has been active for four years in the Cowanesque FFA Chapter of Cowanesque Valley High School. He enjoys working with animals and his future plans include involvement with diversified farming. Rhick has been active in various FFA activities, including sheep breeding, swine marketing, swine breeding, and beef breeding. He is chairman, Community Services. Among his many FFA achievements are the Greenhand Award, the Chapter Farmer Degree, the County Farmer Degree, the Sheep Proficiency Award, the county record book, and the state record book. Rhick is student director of the Sheep and Wool Growers' Association.

Eric Jordan

Beef and wildlife conservation projects occupy the primary FFA activites of Eric Jordan of Airville, Pa. FFA achievements include the Star Greenhand recognition, White Rose Degree, and the Southeastern Wildlife Conservation Project Award. Eric is a member of the Envirothon Club in York County, and includes hunting and fishing as his hobbies. He has been active in the Red Lion Area FFA Chapter for four years.

Timothy Lee Kaltenbach

A president of the Grand Canyon Chapter and president two years for the Tioga County FFA, Timothy Lee Kaltenbach (Wellsboro High School) has received Star Greenhand, Star Chapter Farmer, and the county degree for his achievements. Timothy also received the Silver Award in livestock judging at the Penn State 1990 Summer Convention. Activities he is involved with include the Pennsylvania State Grange, 4-H (of which he has been president and reporter), and director of the Tioga County Sheep and Wool Growers' Association. Timothy enjoys various FFA activities, including hog and beef finishing, sheep production, lamb finishing, and goat production. Timothy wants "to be a well-known auctioneer and someday own my own sale barn," he said. He enjoys hunting.

Mark Keefer

Mark Keefer, a four-year member of the Brothersvalley FFA, is 1990-1991 vice president of the chapter. His numerous achievements include the Greenhand Farmer Degree, chapter degree, Scholarship Award, several state and national BOAC awards, and a parliamentarian for 1989-1990. Parliamentary procedure, Western Regional Leadership Conference, FFA Week at Penn State, Somerset County Leadership Conference,

(Turn to Page D28)

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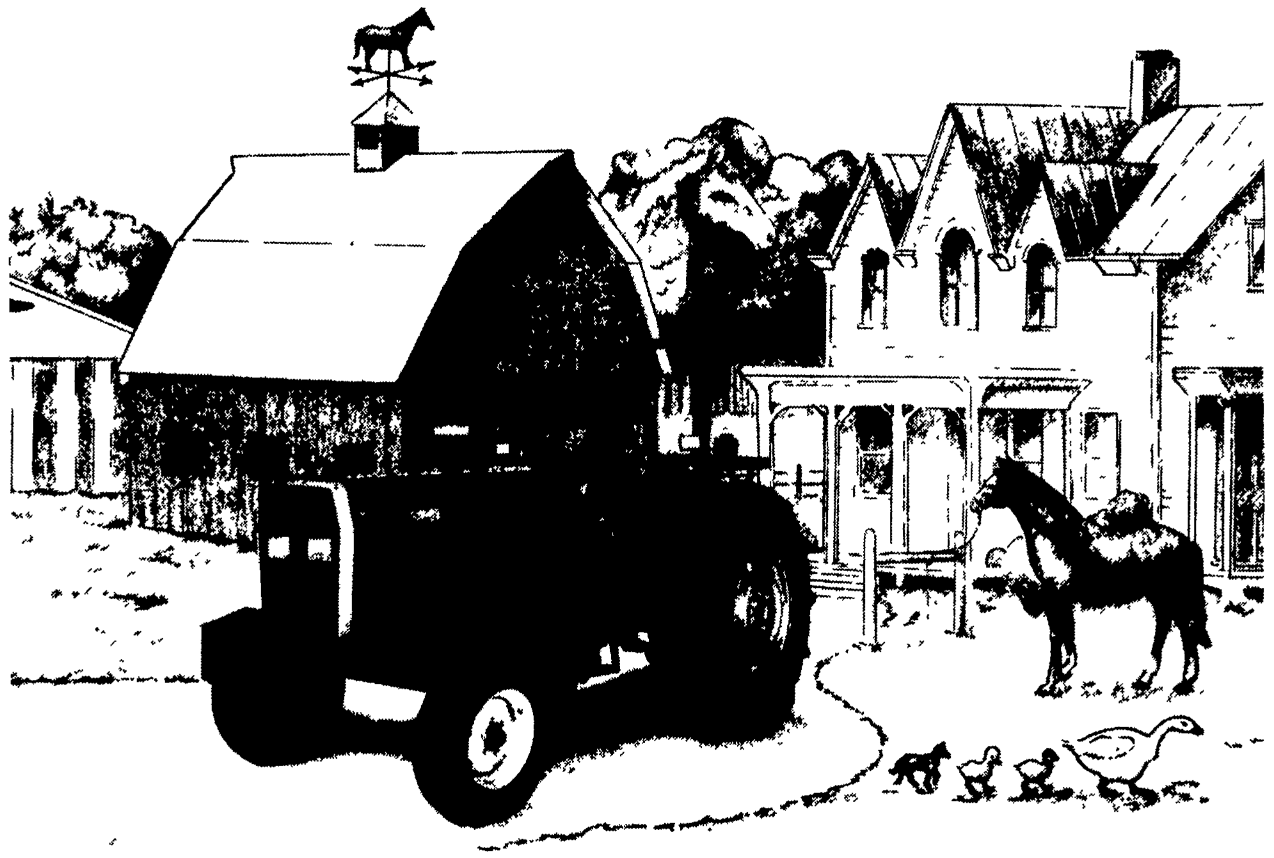

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Coveted Keystone Degree

(Continued from Page D27)

Collegiate FFA Leadership Day, livestock judging, citrus fruit sales, and his participation on the Food for America Committee are his latest FFA activities. A member of varsity baseball at Berlin Brothersvalley High School, Mark is listed in "Who's Who Among American High School Students" and is a member of the North American Hunting Club, the National Rifle Association, and works on his school yearbook. He enjoys hunting, fishing, and riding ATV in his spare time.

Sandra Lynn Kehl

Sandra Lynn Kehl, of the Hamburg Area FFA, has plans to be a secretary in agribusiness. She has served as FFA chapter secretary (1989-1990) and the Faculty Breakfast Committee, Banquet Committee, and the Junior High Steering Committee. Sandra has been recognized with the 1989 Chapter Leadership Award and the 1988 FFA Foundation Award. "I like working with flowers and a garden, and also working with farm animals," she said.

Michelle Kerdeman

A member of the Manheim FFA, Michelle Kerdeman, 19, has been involved in a wide array of FFA animal projects, including breeding sheep, dairy, horse, swine, chickens, turkeys, and market sheep. She has been honored with the Greenhand, Chapter Farmer, Red Rose, Keystone gold, and has been historian, student advisor, and county secretary. Her hobbies include raising animals, playing sports, and church youth group.

William T.L. Kieffer

Mifflinburg Area High School's William T.L. Kieffer is a four-year member of the Mifflinburg FFA. Several projects he's been involved with over the years include market swine, summer meetings, local land juding, Pennsylvania Pork Producers' public speaking contest, a tractor driving contest, and local and SUN area record book contests. Achievements include the Greenhand, Chapter, and SUN Area degrees. William has also picked up the the Proficiency Award for Swine Production and various awards at the West End Fair FFA market swine classes. An active member of the high school's wrestling team, William also was active in the National Honor Society, JV baseball, junior high and varsiety football, the German Club, the Cowan Ag 4-H Club (president, secretary, and treasurer) and in weightlifting. William noted that he wants to major in forestry or wildlife and fisheries science at Penn State University.

Jeffrey M. Kirk

Jeffrey M. Kirk has enjoyed much experience working with local farms as he enters his fourth year at the Oxford FFA. The 17-year-old lists work experience on local dairy and poultry farms, in addition to work with market swine, the Float Committee, the Citrus Committee, the State Leadership Conference, the Pennsylvania Association of Farmer Cooperatives (PAFC) one-day institute, and dairy judging. Jeffrey placed eighth in the Harrisburg dairy judging, and was 1990-1991 chapter historian. His plans include a degree from college in fish and game wildlife/resource management. Hobbies include hunting, fishing, and model railroading. He also enjoys working. "I cannot stand not to work," he said.

John D. Kirk

Some of the FFA activities of which John D. Kirk has been a part of include swine showing, dairy judging, public speaking, county leadership training, the PAFC one-day institute, donkey basketball, the Citrus Committee, a small farrowing operation, and cow-calf herd and work experience on local farms. John, a three-year member of the Oxford FFA, has received the Star Chapter Farmer Award, the Swine Production Proficiency Award, the Beef Production Proficiency Award, and the Diversified Livestock Proficiency Award. Future plans for John include expanding the farrowing and cow-calf herd operations on the family farm.

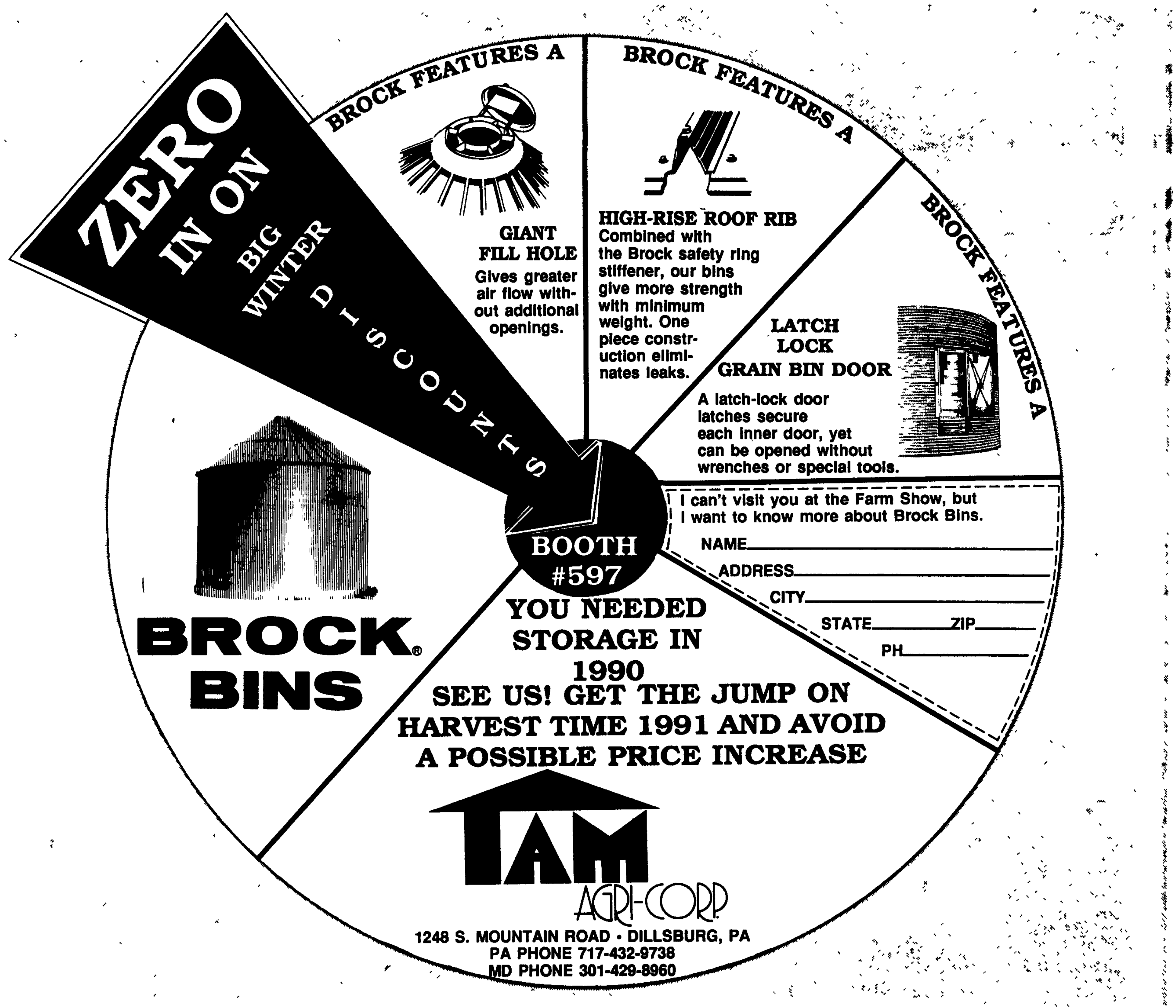
Lynn Klingler

Lynn Klingler, 18, from Selinsgrove FFA, is involved in a wide array of projects, including dairy herd, field corn, swine finishing, and is on the Corn Club, Dairy Chain, and Cider Program committees. Lynn has been honored with the Greenhand, Chapter, SUN Area, Chapter Star, and Dairy Proficiency awards. Lynn enjoys wrestling and football, and includes family farming as future plans. The four-year member of FFA also enjoys hunting and tractor pulling.

Darrell Koch

Seventeen-year-old Darrell Koch of Orwigsburg, Pa., is a four-year veteran of the Blue Mountain FFA. The son of Eugene and Beverly Koch, Darrell lists showing steers and swine, in addition to Banquet Committee, on his list of FFA activities. Recent FFA achievements include the Greenhand Far-

(Turn to Page D30)



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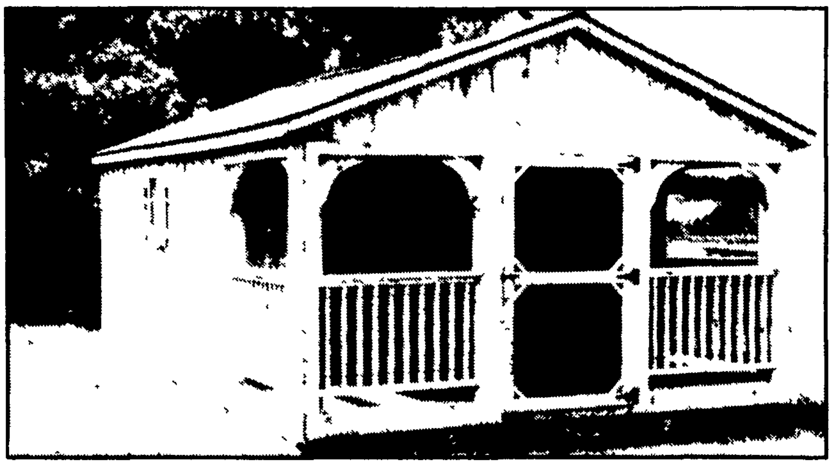

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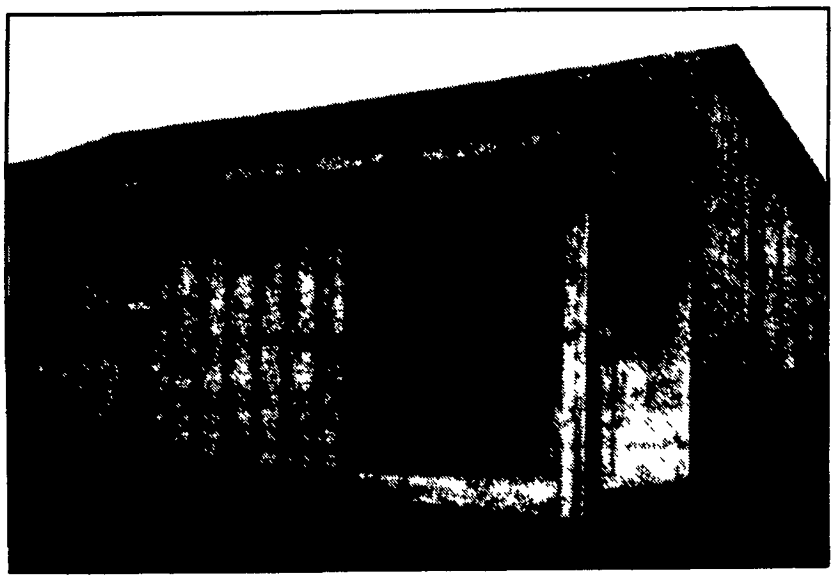

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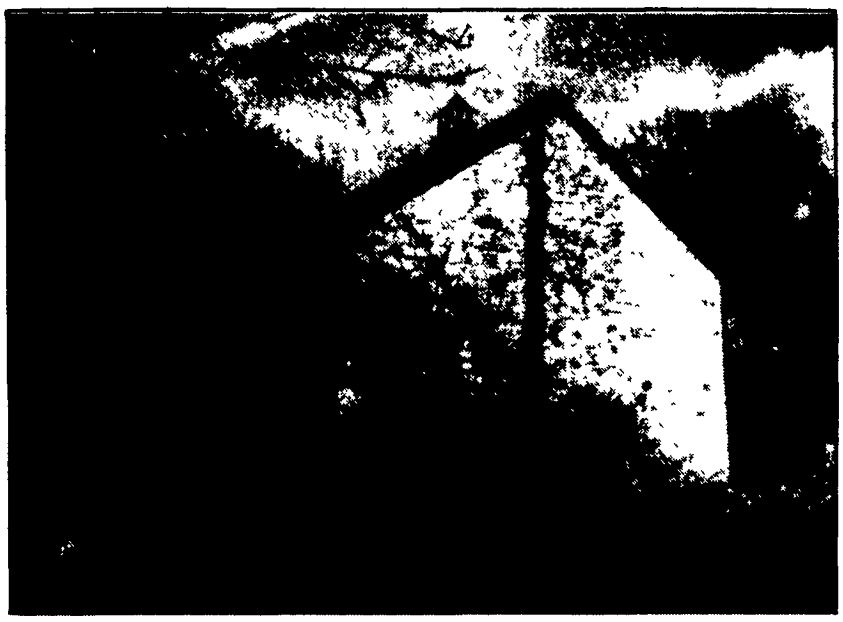

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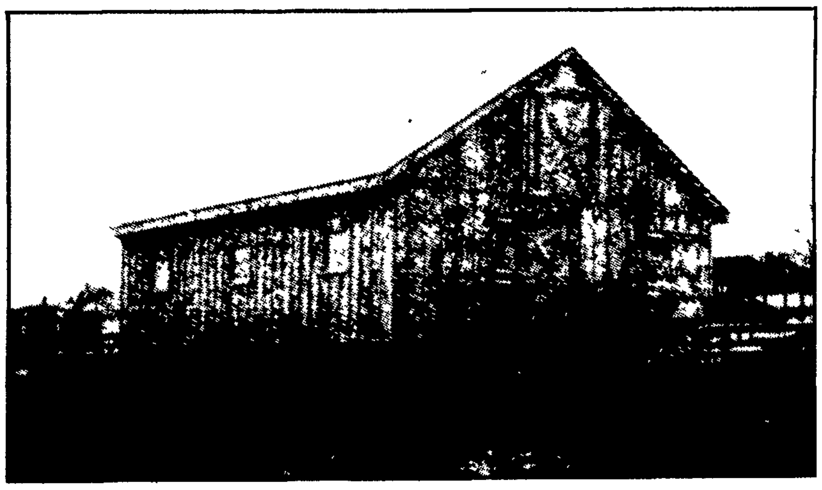

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(Continued from Page D28)

mer and Chapter Farmer awards. Darrell plans to go into farming and enjoys working with horses as his hobby.

Todd Lebo

The son of Mr. and Mrs. Joseph G. Lebo of Millersburg, Dauphin Co., Todd Lebo is a four-year member of the Upper Dauphin Area FFA. The many FFA activities Todd has been involved with include tomatoes; beef finishing, growing, and breeding; dairy beef; home garden; market lambs; market swine; small grain; forage production; off-farm experience; livestock; banquet; slide show; and membership committees. Todd has received the Greenhand, Chapter, and CDP area degrees and has received the State Proficiency Award (specialty crop production, first place) and has entered national FFA contests, including land judging and farm business management. Todd plans to study agriculture business in college and enjoys being a member of the 4-H Livestock Club, the Pennsylvania Vegetable Growers Association, and the Pennsylvania Angus Association. Hobbies include hunting and collecting baseball cards.

Todd Lebo

The son of Mr. and Mrs. Melvin Lebo of Abbottstown, Pa., Todd Lebo is a four-year member of the Conewago FFA. A student at New Oxford High School, Todd, 18, has been involved in various FFA and 4-H work and member experiences. He has received the County Degree, Greenhand, and chapter degree, in addition to the 4-H Beef Club Showmanship and Fitting Award. Future plans include "work in the field of agriculture," said Todd. "I like to race horses in the summer and work with my animals."

Kelly Lefever

A special two-acre tobacco project occupied the time of Kelly Lefever, 17, of the Manor FFA chapter. That was just one of many projects entered in various county fairs (including the Lampeter Fair and Lancaster Corn and Tobacco Show). Kelly has also picked up several first and second places, and has been involved in banquet committees, Ag in the Classroom, and fruit sales. Kelly has received the Lancaster County Red Rose Degree and won the Foundation Award in 1989 and 1990 for placement in ag production. "I plan to attend a trade school for printing," said Kelly, who enjoys fishing.

Tim Lehman

Tim Lehman, the son of Carl L. and Mabel H. Lehman of Mechanicsburg, Cumberland Co., has "carried diversified livestock production records in sheep and hog breeding, and market hogs, dairy goats, meat goats, sweet corn production, and work experience," he said. Tim participated in 1990 in the state public speaking contest, and was president of the Cumberland Valley Chapter and was secretary in 1989. He is secretary of the Cumberland, Dauphin, and the Perry FFA. Tim has garnered the Keystone, Area, Chapter Farmer, and Greenhand degrees. He is a member of the 4-H Dairy Club, church youth group, Columbia Sheep Breeders Association, and the American Dairy Goat Association. "I plan to go to a technical school for diesel mechanics and to raise diversified livestock, and someday have a farm of my own," he said. Tim enjoys wood carving, hunting, and reading in his spare time.

Troy C. Leitzel

A four-year member of the Middleburg FFA Chapter, Troy C. Leitzel is active in various FFA committees, including the Cooperation Committee, officer nominations, and Executive Committee. Troy has experience in various FFA programs, and has received the Greenhand, Chapter, and Area degrees. Future plans include study to be an auto mechanic, and Troy enjoys trapping, fishing, hunting, working on old cars and trucks, riding motorcycle, and "going to flea markets and car shows."

(Turn to Page D31)

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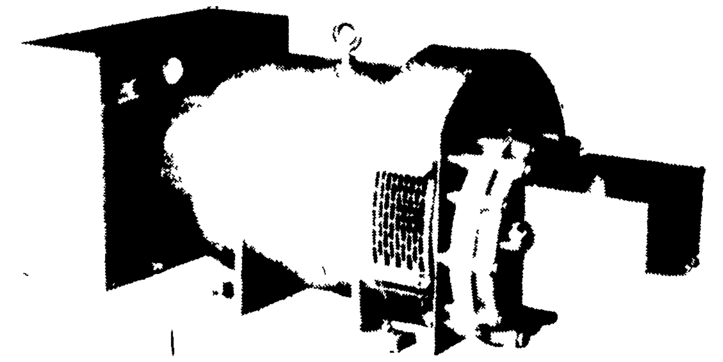

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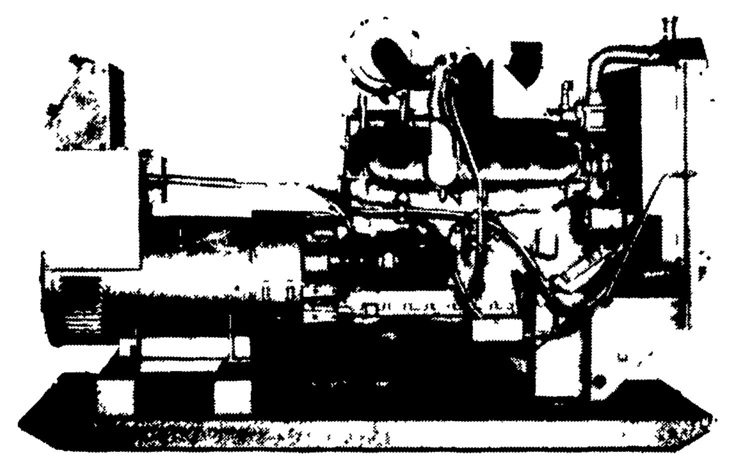

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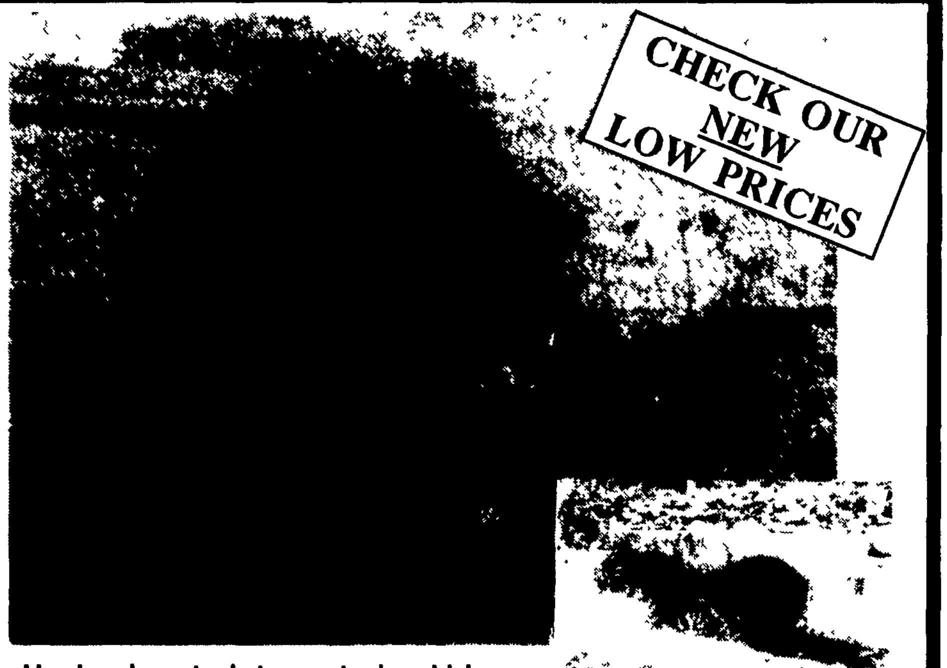

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(Continued from Page D30)

Brad Lenart

A 17-year-old student at Shade High School in Somerset County, Brad Lenart is a three-year member of the Somerset County FFA. Brad has been active in FFA basketball, and was 1989 chapter student advisor, 1990 chapter vice president, and is president of the chapter this year. He has been honored with the Greenhand Degree, the chapter degree, and picked up several public speaking contest awards (soil conservation and extemporaneous speaking). He also placed third in the Eastern States Forestry Contest. Brad enjoys being a member of the community choir and Shade Student Council. "I want to be the best that I can be in everything I do," said Brad. In his spare time, Brad enjoys playing the bass guitar, model building, and "enjoying nature."

Tim Linebaugh

Swine finishing, breeding, and corn production round out the many FFA activities that Tim Linebaugh, 17, of the Conewago FFA is involved with. Tim, a student at New Oxford Senior High, has received the Star Chapter Farmer and Swine Proficiency Award. Tim has also served as chapter treasurer. One day, Tim said he would like to "own and operate my own farm" and enjoys hunting and fishing in his spare time.

Ed Livingston

Ed Livingston, 18, a four-year member of the Dover FFA, has been involved with beef finishing and production and other farm work experiences. In addition, Ed has displayed animals at the York Fair and Harrisburg Farm Show. In FFA, he was chapter president in 1990, chapter treasurer in 1989, and chapter parliamentarian in 1988. He won second place

(Turn to Page D32)

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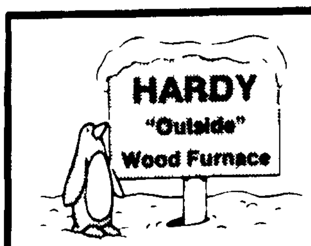

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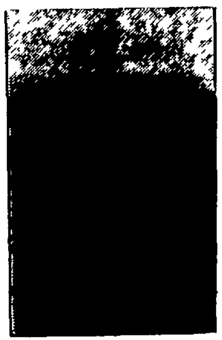

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Coveted Keystone Degree

(Continued from Page D31)

in the public speaking in the state conservation contests, won thrid place in the FFA creed speaking state contest, and was awarded Star Greenhand. He enjoys being a member of 4-H beef and swine clubs and is a representative of the South Central Pennsylvania Cattleman's Association. Future plans include attending Penn State to major in agriculture. In his spare time, Ed likes to "show Polled Hereford breeding cattle."

Christopher Thomas Long

Christopher Thomas Long, 17, from Lebanon, Pa., is a four-year member of the Cedar Crest FFA. He was BOAC chairman from 1987-1990, and served on the Scrapbook Committee, Washington Conference Program, and National FFA Convention. Christopher has also garnered experience on dairy farms, food processing, and wildlife programs. FFA achievements include chapter secretary (1988-1990), second place in the state creed speaking contest (1988), first place in state parliamentary procedure teams (1988-1990), first place in county land judging (1989-1990), and seventh place in the regional FFA speaking contest (1990). Christopher plans to go to Penn State and major in agricultural education.

Dennis Love

Dennis Love, 17, from East Waterford, Pa., is a four-year member of the Juniata FFA. Dennis has been chapter representative at the FFA National Convention in Kansas City, Mo. He has been chapter vice president two years previously, and this year is president. Dennis has attended two leadership conferences, and has received the Star Chapter Farmer and Star Greenhand awards, and was presented with a gold medal in the chapter and state record book contest. FFA activities include dairy herd, swine, alfalfa, corn, and other farm work experience. In addition, Dennis has served on the BOAC Committee and the Banquet Committee in his chapter. Dennis said he wanted to be a "self-employed farmer and welder," and enjoys hunting, fishing, and "going to the auto races."

Sean Lytle

Public speaking and state and regional contests can be listed on the biography of Sean Lytle, 17, a four-year member of the Linesville FFA. Sean has been recognized with the Greenhand FFA Degree, Star Greenhand, chapter FFA degree, Star Chapter Farmer, and Crawford County FFA Degree. Sean has also been FFA county and chapter president. The Linesville Conneaut Summit student has been involved in the Interclub Council, the Prom Committtee, the PAFC one-day institute, the PAFC Summer Institute, and the NICE/AIC National Institute. Sean wants to attend college to earn a B.S. degree in agriculture business management.

Paula Manning

Public speaking holds a prime position in the FFA activities of Paula Manning, a four-year member of the United FFA. Paula, 17, has been active with the Parliamentary Procedure Team for four years, on three state teams. She has placed first in Eastern States Exposition and placed in the state demonstration contest, including third place in public speaking and creed speaking. She has been involved with various FFA projects, including market calf, hogs, pleasure horse, Food for America, Banquet Com-

(Turn to Page D33)

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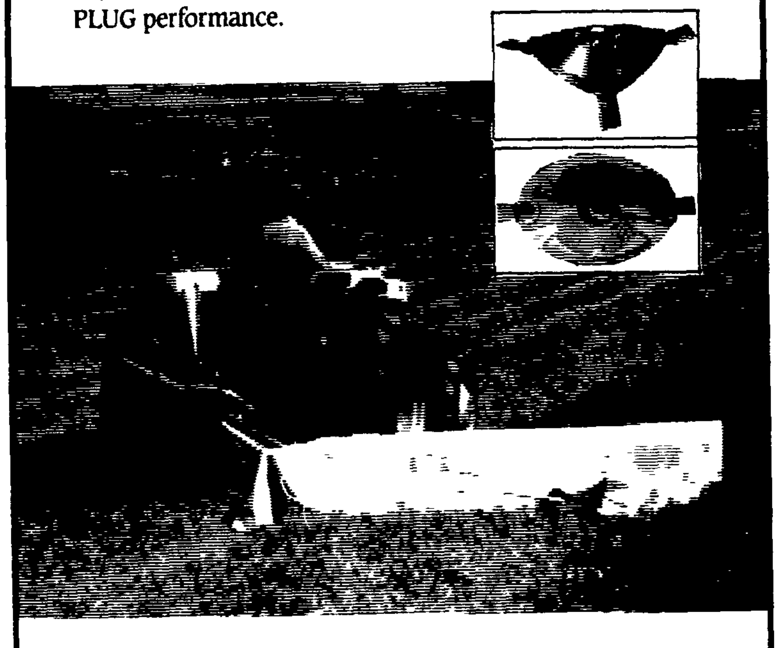

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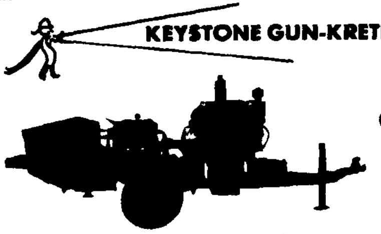

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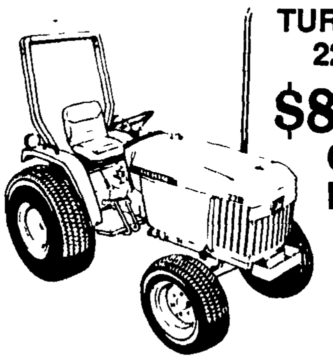

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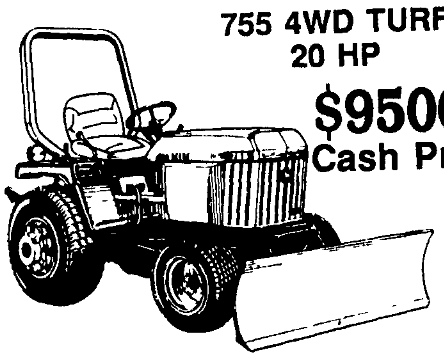

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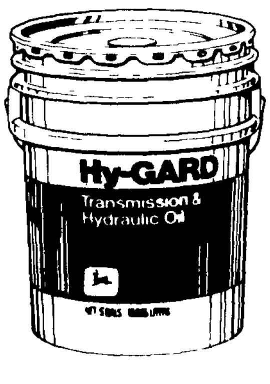

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Keystone Degree

(Continued from Page D32)

mittee, tree planting, and Fruit Sale Committee. Paula is "undecided" about future plans, "but I would like to go into something dealing with agricultural science."

Michelle Mase

Michelle Mase plans to attend college with a major in ag business or dairy science. Michelle, a four-year member of Little Dutchmen FFA, has been involved in various FFA projects, many involving dairy herds. She was secretary of her chapter the past two years and has been honored with the Lebanon County, Chapter, and Greenhand degrees. She enjoys playing softball, field hockey, and basketball.

Melissa McDonald

A six-year member of Chestnut Ridge FFA, Melissa McDonald has served as her chapter president and past secretary and student advisor. Melissa was recently honored with the Lori Anne Clark Memorial Award, the Herdsmanship Award at the Pennsylvania All-American Dairy Show, dairy jiding and cattle showing, and several state project book and public speaking awards. She received various showmanhip and fitting awards, including a sheep production award. FFA activities Melissa has been active with include the dairy herd, sweet corn, and sheep production projects. She is a member of the National Honor Society, Chestnut Ridge High School cheerleading team, and is a member of the Pennsylvania Junior Guernsey Breeders Association and the Pennsylvania Holstein Breeders Association. She also is a member of the Southern Cove 4-H Club. Her hobbies include showing dairy cattle at county, state, and national shows. In the future, Melissa wants to be a 1991 state FFA officer candidate and "continue our family farm," she said.

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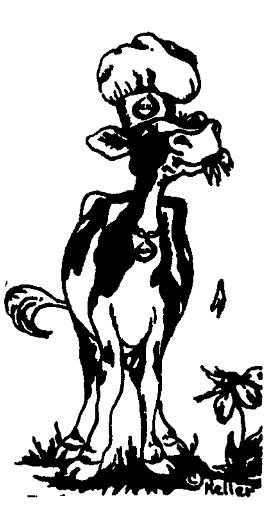

Robert McGinnis

The "Adopta Stream" program occupies the energy of Robert McGinnis, 18, a three-year member of the United FFA. Robert served as chairman of Adopta Stream and has been involved in tree planting. He has placed first in the Indiana County Wildlife Contest, and first place in the county forestry contest and Envirothon. He is member of the United High School Archery Club and will attend college in the future. Robert also enjoys hunting, fishing, and camping.

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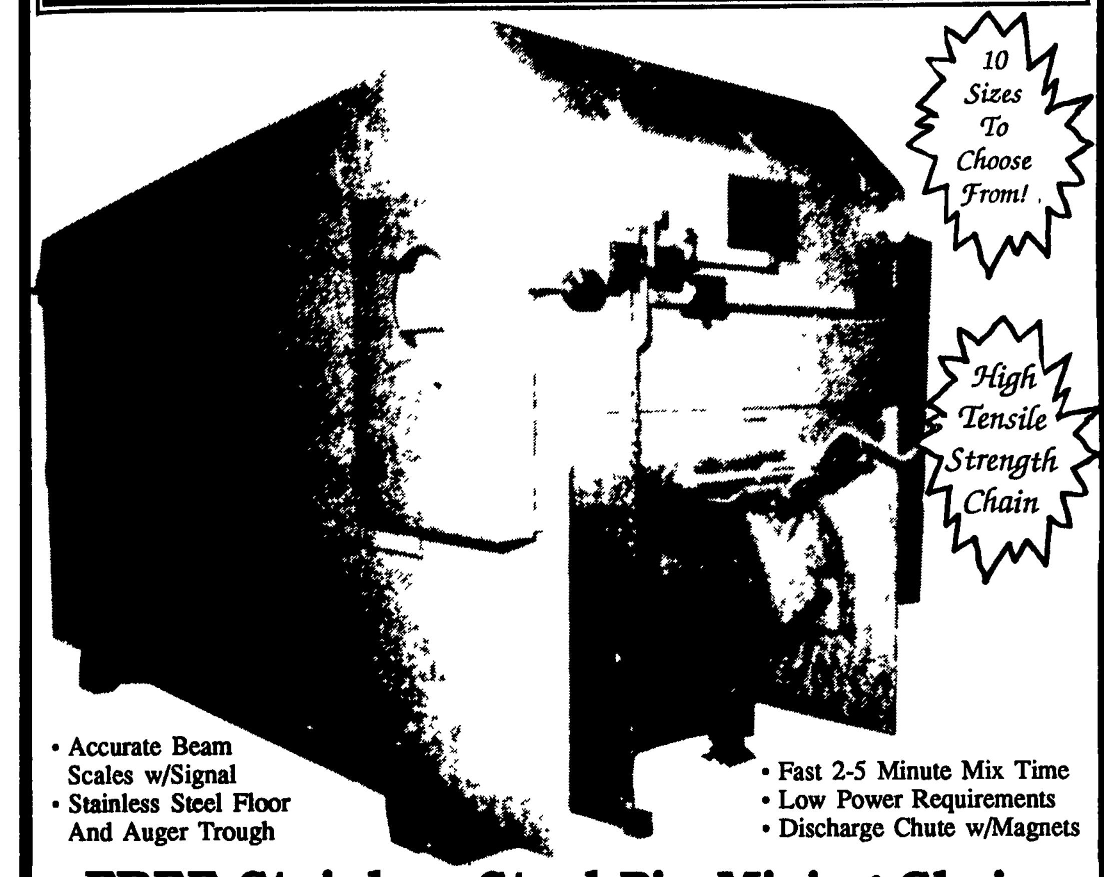

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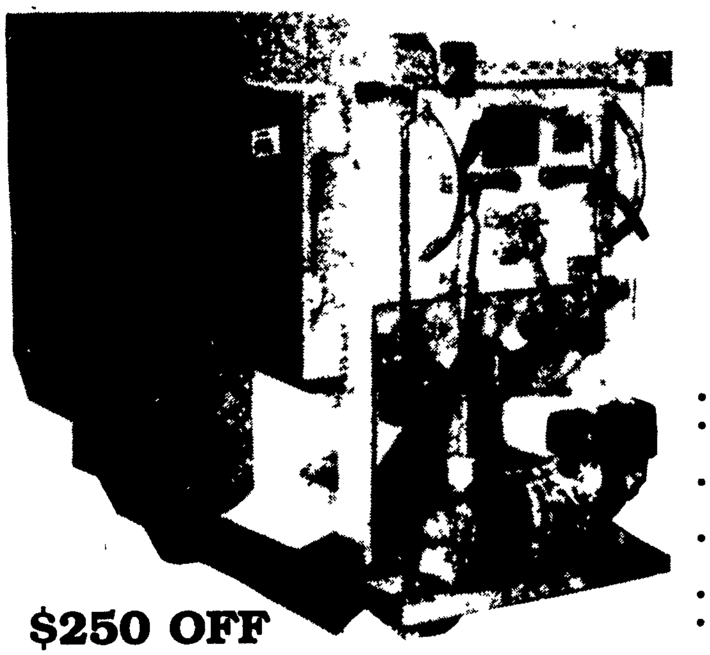

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Coveted Keystone Degree

(Continued from Page D33)

Keith McGowan

Landscaping is a future plans noted by Keith McGowan, a four-year veteran of the Twin Valley FFA. Part of his FFA activities involved field corn work experience in Plow Farms and Eshelman Equipment, and Keith has also been involved wtih various swine finsihing projects. He was a member of the Food for America Committee, BOAC, the Hay Creek Fall Festival, and Apple Festival. Keith is chapter president in 1990-1991, and was county sentinel and treasurer. He placed first in the Small Gas Engines Team in the area contest, state small gas engines contest, dairy judging, and livestock judging. Keith wants to attend a trade or technical school "followed by employment in the area of landscaping," he said.

Kevin McVaugh

A varied list of FFA activities highlight the experiences of four-year Twin Valley FFA veteran Kevin McVaugh. Some of those experiences include a Foundation Award for home improvement, tree planing for the Pennsylvania Game Commission, county forestry contest, Window Exhibit Committee, County Leadership Training Conference, southeastern Pa. wildlife contest, Ag Day Breakfast Committee, Food for America Award, and Nursery Operations Proficiency Award. Other awards and recognition include the Berks County Envirothon, area small gas engines contest, Tel-Hai BOAC Project, county agronomy contest, record book contests, border cutting for the Pa. Game Commission, and Field Corn Test Plot Committee.

Bob Merkel

Bob Merkel, 17, of the Brothersvalley FFA, has served as second vice president and secetary for 1989-1990. Bob has been honored with the Greenhand and Chapter degrees, in addition to state and national BOAC awards. In the past, Bob participated in wildlife contests, Penn State Activities Week, Somerset County Leadership Training Conference, Somerset County Envirothon, Penn State Collegiate FFA Leadership Conference, seed sales, Calendar Committee, Sweetheart Committee, Western Region Leadership Conference, and is active with the Parliamentary Procedure Team. Bob enjoys varsity wrestling and includes the U.S. army in his future plans.

William L. Messner

Since the 9th grade, William L. Messner, Narvon, Pa., has been involved in his Grassland FFA Chapter. In grade 9, he began as second sentinel, and became sentinel in 10th grade. Since then, he has been SAE Committee chairman, 11th grade SAE co-chair, and picked up various honors, including Greenhand, Star Greenhand, Chapter, and Red Rose degrees, in addition to the Swine Proficiency Award. William said that after graduation, "I plan on starting my own swine farm."

Doug Metzler

Raising and showing hogs have commanded much of the time of Doug Metzler, a four-year member of the Manor FFA. From 9th to 12th grades, Doug was involved with hog projects and Penn Manor High School in Lancaster County, and competed in the Oklahoma land judging contest. Doug has been vice president of his chapter and received the Greenhand, Chapter, and Red Rose in Ag Production degrees. He was awarded the silver and bronze medals in the National Poultry and Meats Contest. A member of varsity baseball, Doug plans to major in engineering at Penn State.

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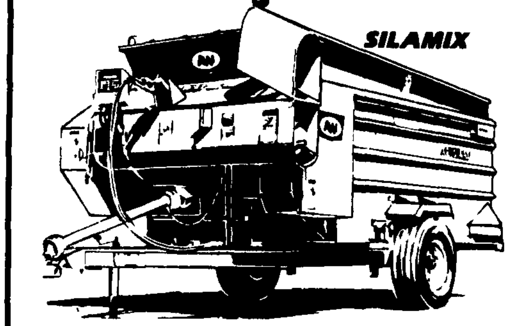

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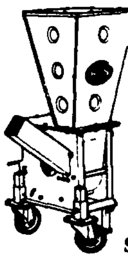

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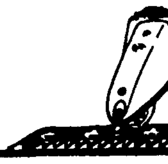

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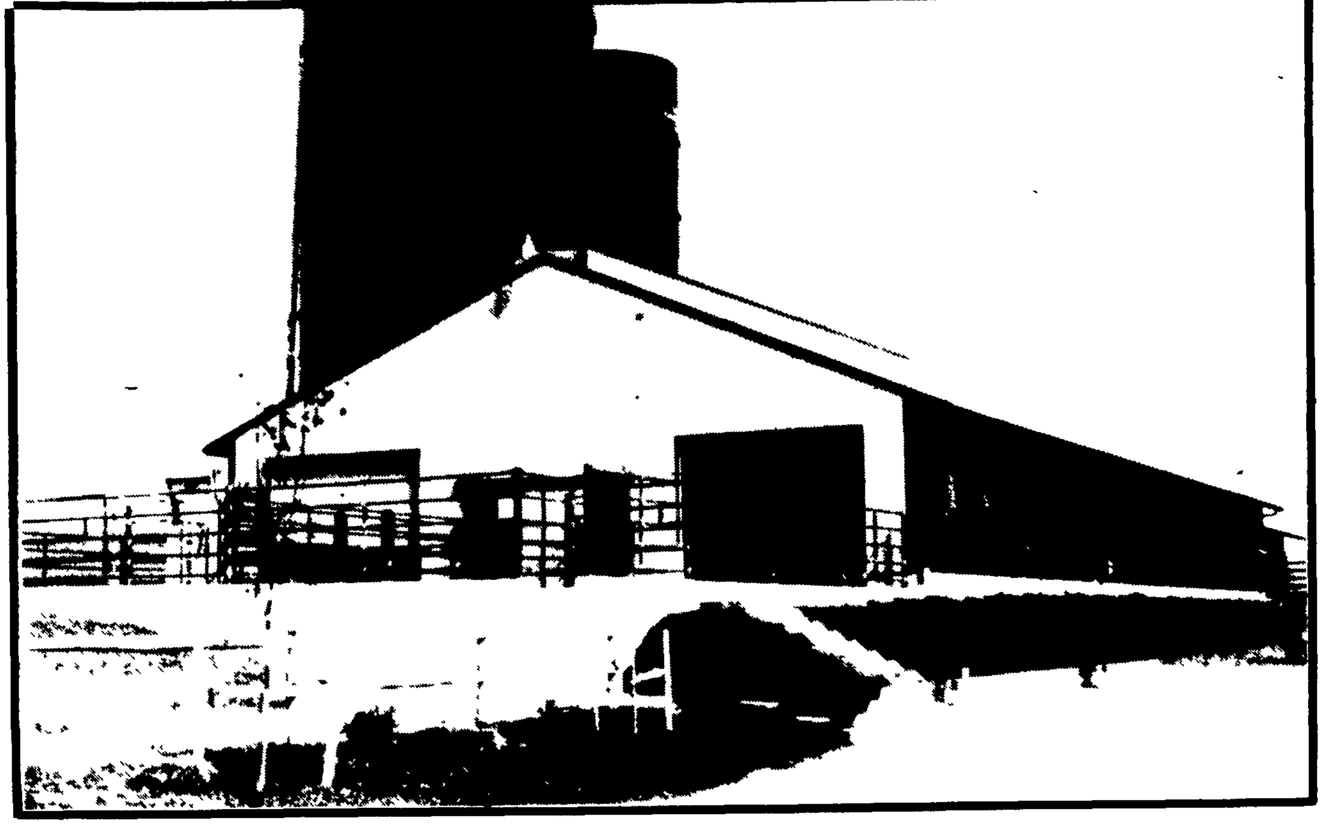

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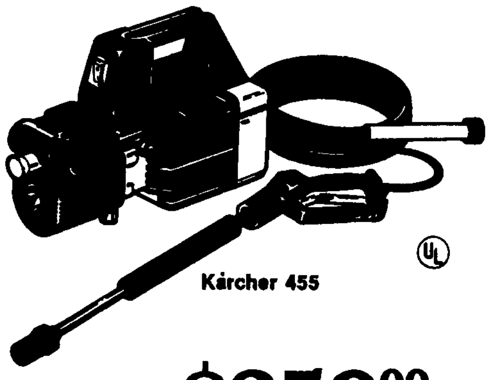

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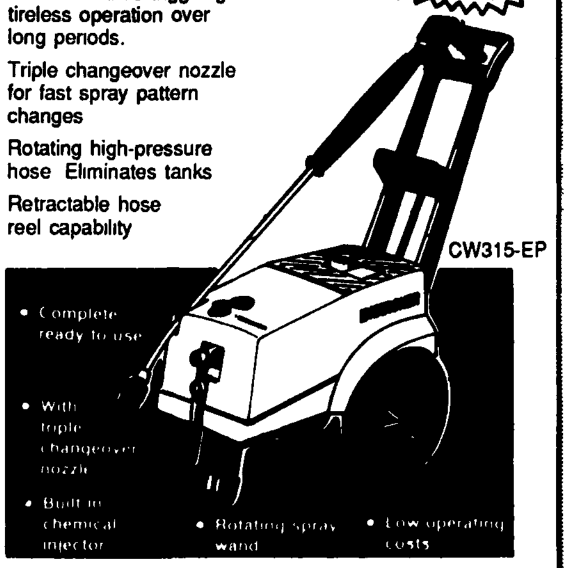

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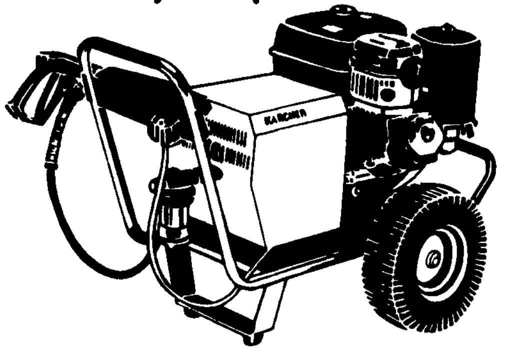

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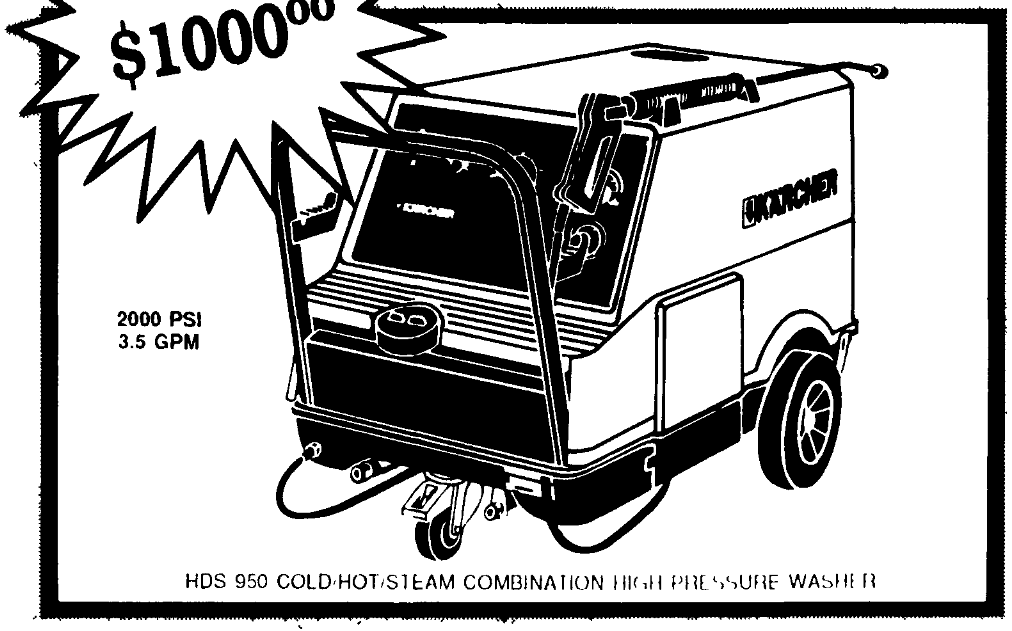

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(Continued from Page D34)

James Meyers

A three-year member of the Conococheague FFA, James Meyers has been county FFA treasurer, chapter FFA treasurer, and belongs to various school clubs, including chorus, The Great Literature Club, and Chess Club. James has been honored with the Star Greenhand, Chapter Farmer Degree, County FFA Degree, first in farm business management at the state level (1990), and was honored with a gold emblem at Kansas City in farm business management (1990). Future plans include taking care of the dairy farm "with my dad and brother after two years at Penn State," he said. His hobbies include reading, coin collecting, and stamp collecting.

Mark L. Miller

Mark L. Miller has been involved in a wide array of activities and projects for the Blue Juniata FFA. Mark, 17, of Juniata Valley High School, compiled a long list of FFA activities through the years, including membership on livestock judging, land judging, and dairy judging. He received the Chapter Farmer and Greenhand awards and was president of his FFA chapter. Mark has exhibited at various local fairs, as well as KILE and the Harrisburg Farm Show. He plans to attend Penn State and major in animal science, and enjoys raising registered Southdown and Rambouillet sheep, as well as hunting and fishing.

Heather D. Moszynski

Horseback riding occupies the spare time of Heather D. Moszynski, who has been involved in various chapter projects, including pleasure horses. But this 17-year-old H.G. Parkinson FFA member is also actively involved with the Dairy Calf Scholarship Committee and is chairperson of the Conduct of Meetings Committee. She has been chapter secretary for two years and Greenhand vice president. In addition, Heather has received the Greenhand, Chapter, and County degrees, in addition to Star Greenhand and Star Chapter Farmer recognition. She attended the Governor's School of Agricultural Sciences in 1990.

Neil R. Moyer Jr.

Swine handling in various shows has occupied much of the time for Neil R. Moyer Jr., a four-year member of the Mifflinburg FFA. Neil has been actively involved with various market swine projects and other work experience projects. He has been active with the Union County West End Fair market swine classes, Pennsylvania Farm Show Market Swine Show, and local public speaking, forestry, and land judging contests. Neil has been honored with the Greenhand, Chapter, and SUN Area degrees and won grand champion market hog at the West End Fair. He has been chairman of the Livestock Committee and enjoys varsity football. He has been active with the Cowan Ag 4-H Club (as president for two years). He will attend college in the future and, in his spare time, enjoys showing animals, hunting, and hiking.

(Turn to Page D38)

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Horticultural Exposition Scheduled

NEWARK, Del — The two-day Delaware Horticulture Industry Expo will be held Tuesday, January 22 and Wednesday, January 23, at the Sheraton Inn in Dover, Del. An annual event, the expo is cosponsored by University of Delaware Cooperative Extension and the Delaware Association of Nurserymen (DAN).

The event begins Tuesday with registration at 8:15 a.m and welcome remarks at 8:45 a.m. from Bill McGowan, extension agent and president of DAN, and Dave Woodward, assistant Extension director of agriculture and natural resources.

At 9:00 a.m., Dr. Forrest Stegelin, University of Kentucky agricultural economics professor, will kick off the program with his keynote address on "Marketing Fallacies and Realities in the Nursery Industry."

Concurrent sessions are scheduled from 10 a.m. to noon. Greenhouse session participants will be offered their choice between learning about insect-control problems in greenhouses or how computers can help to manage costs and make sound business decisions.

In the garden center session, an improvisational troupe will act out how to handle an irate customer. A pre-lunch social and opportunity to view exhibits will be held from noon to 12:30 p.m.

The program will resume at 1:30 p.m. with more concurrent sessions. Topics in the landscape session include controlling non-point source pollution in landscapes, installing wildflower gardens, and information on ticks and Lyme disease. In the nursery production session, personnel issues and the safe use of horticulture oils will be discussed. Tuesday afternoon sessions will conclude at 4:20 p.m.

Wednesday's program will start at 8:30 a.m. with registration. Morning sessions will include a fungicide update, a panel discussion on interiorscape, tips on how to increase employee motivation and commitment, and pricing retail nursery products. The afternoon sessions will begin at 1:45 p.m. and conclude at 4:35 p.m. Topics covered will be uses for recycled products using nature as a guide in landscape design overwintering nursery stock, and summer propagation.

The annual DAN business meeting will begin at 11 a.m. following the morning sessions. Lunch and the awards ceremony are scheduled to begin at 12:30 p.m.

Participants can earn up to 4 pesticide recertification credits. The preregistration deadline for the expo is January 17. The cost is $50 per person for both days. For one day the cost is $30 per person. Additional people from the same operation get a cost break. After the January 17 deadline, per-person registration fee will be $60 for two days and $35 for one.

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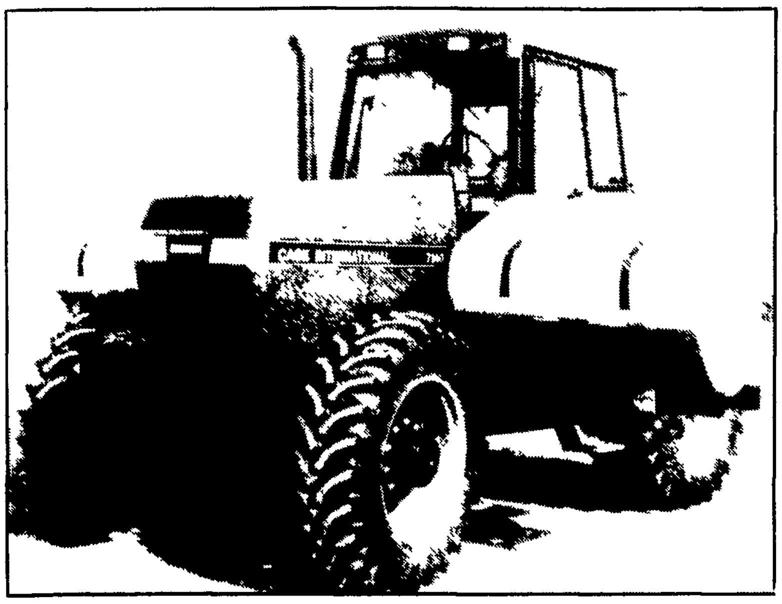

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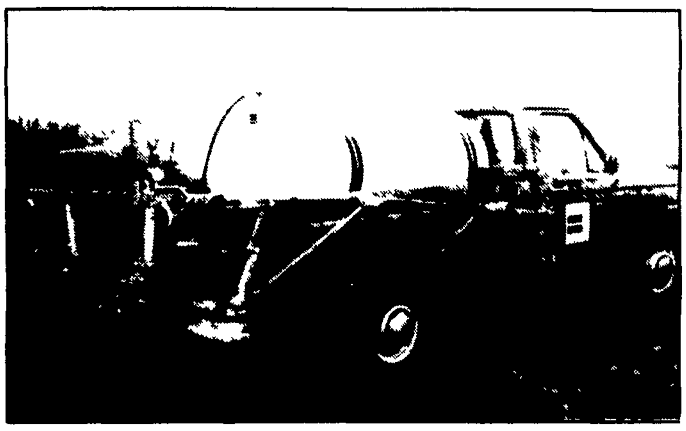

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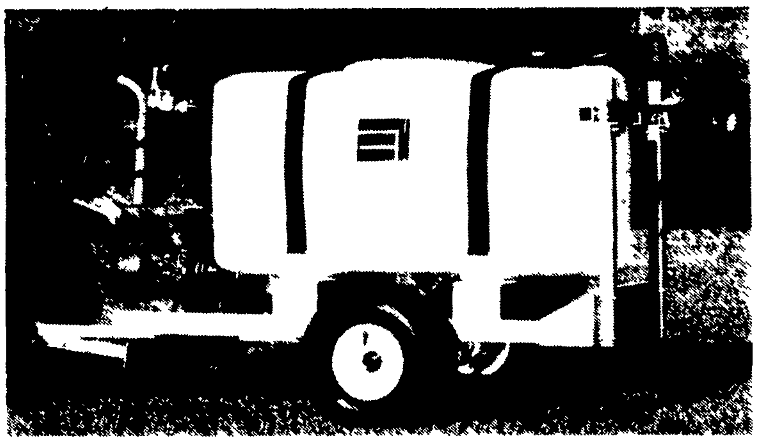

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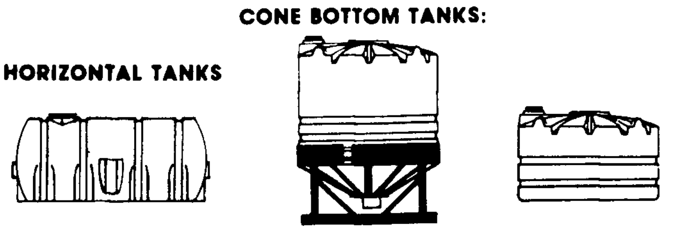

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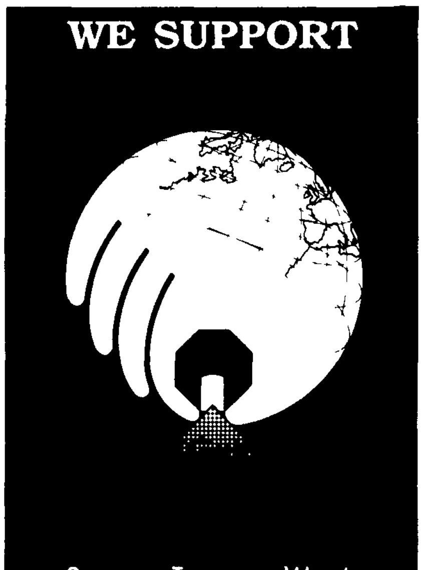

Sprayer Tune-up Week
February 18-22

Coveted Keystone Degree

(Continued from Page D36)

Doug Musser

A sophomore at Penn State majoring in animal science, Doug Musser, 19, Elizabethtown, is a six-year veteran of the Elizabethtown FFA. Over the years, Doug has been very active in pig showmanship contests in the county and state level, and was honored with second place in the 1987 state FFA Livestock Judging Contest and first place in the 1988 state FFA Meats Judging Contest. Doug "plans to accomplish the unaccomplishable in farming and agriculture," he said. Doug enjoys hunting, skiing, surf fishing, and "jeep'in," he said.

Scott Myer

Dairy judging, tractor driving, and exhibit construction were some of the activities that Scott Myer, Middleburg FFA, has been involved in recently. Scott was honored with the Star Greenhand and Star Chapter Farmer awards and plans "to become a herdsman or a dairy herd manager" in the future, he said. Scott's hobbies include volleyball, hiking, and hunting.

Roger Nolt

To own and manage his own ag-related business is at the top of Roger Nolt's goals for the future. A four-year member of the Grassland FFA, Roger has beeen involved in various FFA committees, including agricultural experience, Ag Science Day, and recreation committees. Roger has been honored with the Greenhand, Chapter, and Red Rose degrees, and was the recipient of the Sales and Service Proficiency Award. He has participated in various dairy foods, small gas engines, meats, and poultry contests. Roger enjoys hiking, swimming, and camping.

Michael Otto

Farming and excavating highlight the future plans of four-year Blue Mountain FFA member Michael Otto. Michael, 18, of Blue Mountain High School, has been involved with various FFA activities, including showing steers, dairy, and helping the Banquet Committee. He has received the Star Chapter Farmer and Star Greenhand awards and has held positions in the chapter, including treasurer, chaplin, and has been vice president of the county office. He is involved with Boy Scouts and fire fighting in his spare time, and enjoys hunting, horseback riding, and coin collecting.

Chris Overly

"I plan to continue working on the farm, maybe in the dairy business in some aspect," said Chris Overly, of Solanco FFA. Chris has been involved with various FFA projects, including dairy heifer and on-farm work experience. Chris is chapter vice president and county sentinel and has been honored with the Greenhand, Chapter, and Red Rose awards. Chris placed second in the state dairy judging and fifth in Eastern States, and enjoys softball and fishing.

Seth Owens

Forestry or ag mechanic jobs could spell out the future for Seth Owens, of Clearfield FFA. Seth, 18, from Clearfield Area High School, has been involved with beef growing and finishing and lamb finishing activities. Seth was vice president and president of the chapter, and has been honored with the Greenhand, Star Greenhand, Star Chapter Farmer, and Chapter Farmer awards.

Thomas Painter

Thomas Painter, 18, a four-year veteran of the Northeast Bradford FFA, has served on the Food for America Committee and has held positions as chapter student advisor and vice president. Thomas has been honored with the Greenhand, Chapter Farmer, and Placement in Agricultural Production awards. His future plans include being a dairy farmer and he enjoys baseball, software, hunting, fishing, basketball, and collecting baseball and basketball cards.

(Turn to Page D40)

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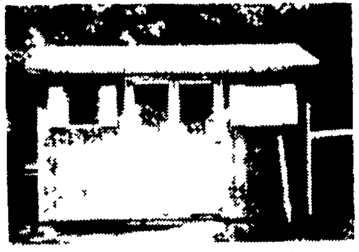

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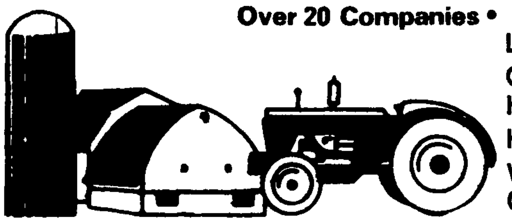

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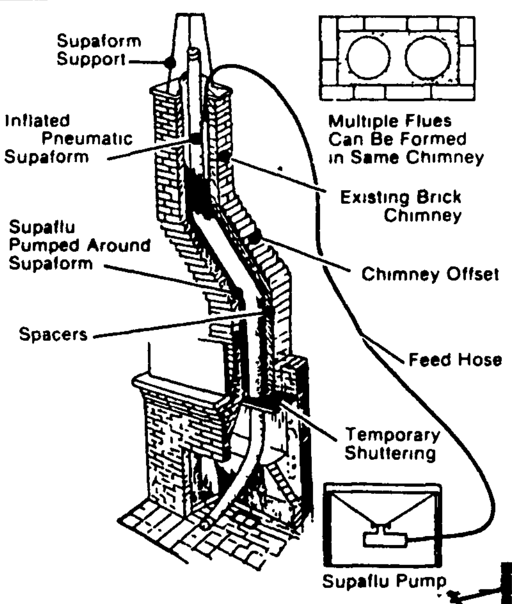

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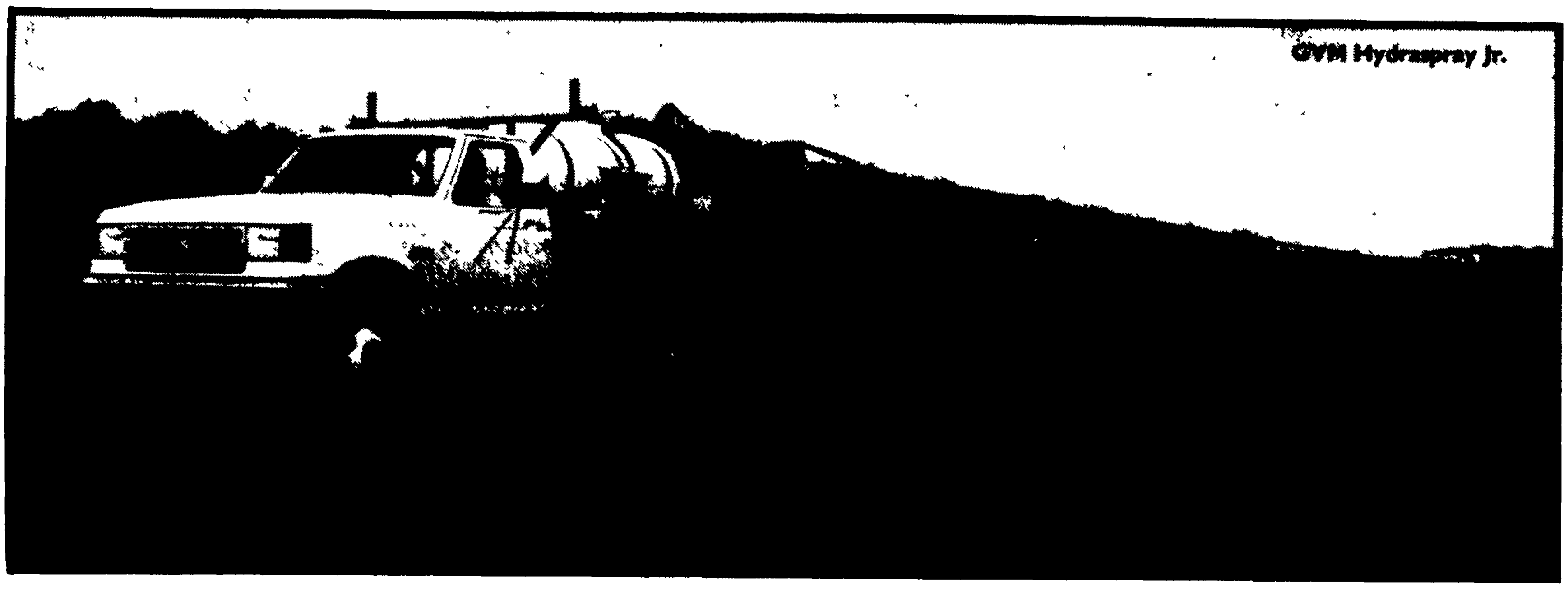
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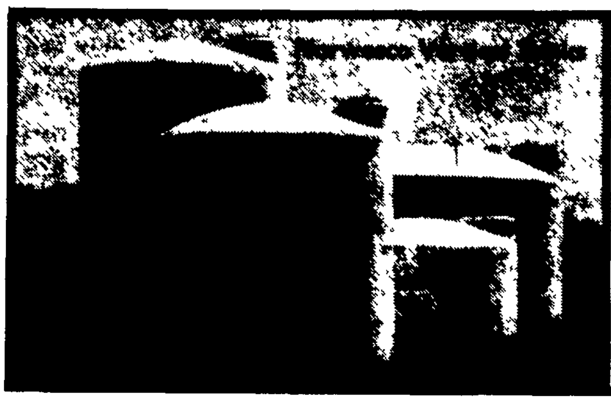

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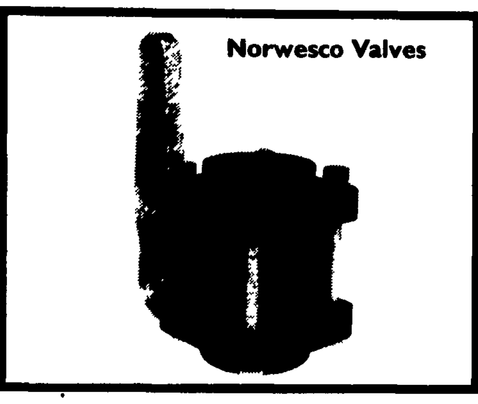
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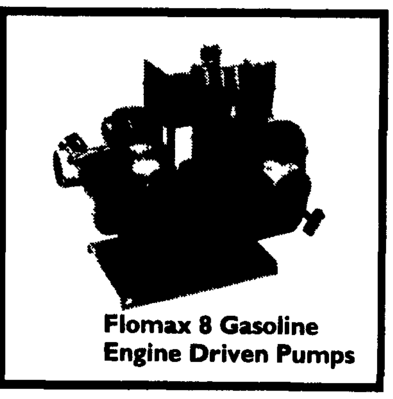
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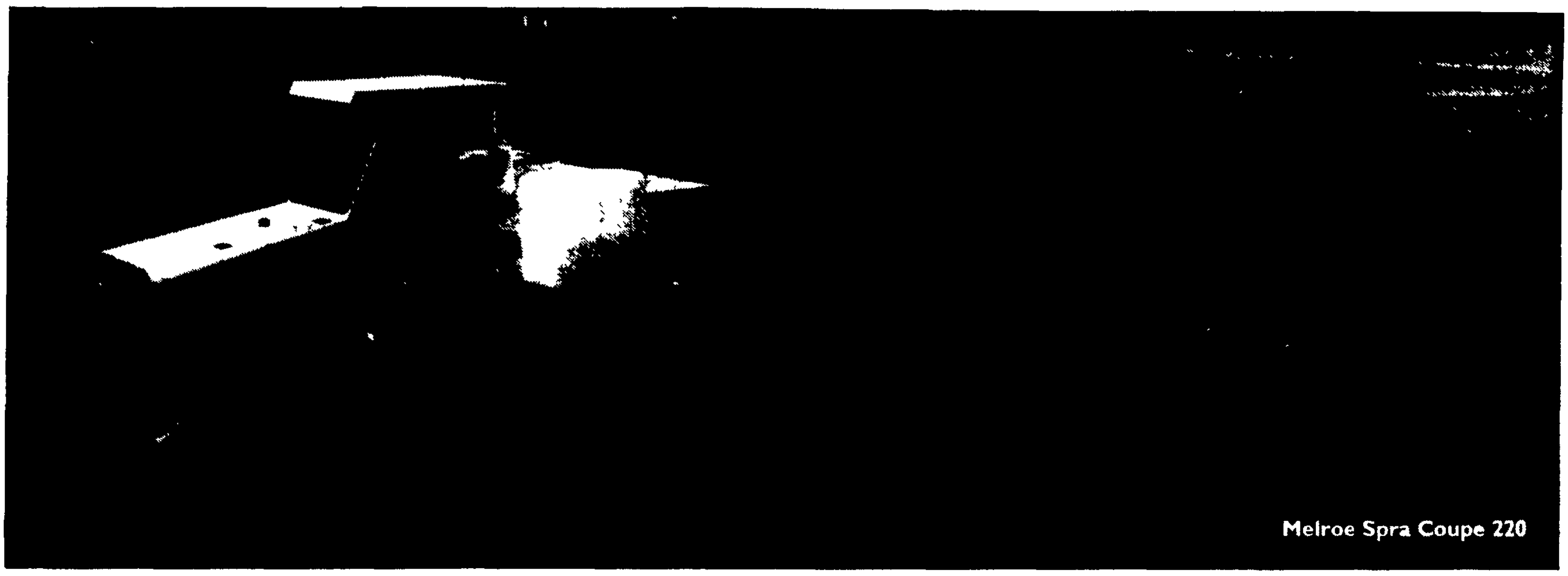
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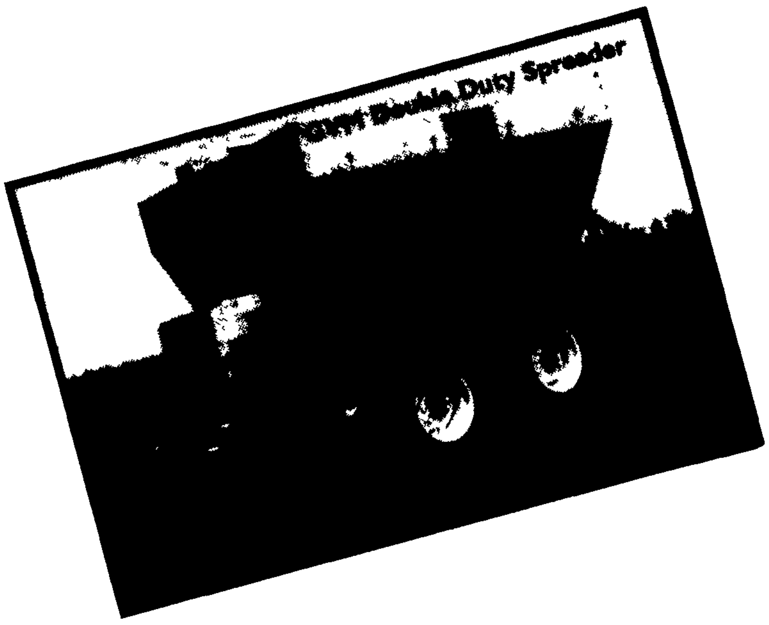
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Coveted Keystone Degree

(Continued from Page D38)

Ammon K. Peifer Jr.

Ammon K. Peifer Jr. is a four-year member of Cedar Crest FFA aand has been chairman of the Earnings and Savings Committee, Supervised Farming Committee, and chairman of the Alumni Relations Committee. Ammon was chapter treasurer and president and is currently Lebanon County FFA president. His awards include Star Greenhand and County Farmer degrees as well as a member of the first place state parliamentary procedure team for 1988, 1989, and 1990. He was also awarded third place in county land judging. "When I graduate, I would like to go out west for about two years on a combine crew," he said. "Then I would like to take over my dad's dairy operation."

Mike Redman

Raising rabbits and working with lawns are some of the hobbies enjoyed by Mike Redman, a five-year Waynesburg FFA veteran who has plans "to buy a small farm and work it," he said. Mike has been involved in all chapter contests, including chickens, goats, ducks, and rabbits. He has been chapter treasurer for two years.

Todd Rabenold

Todd Rabenold, 16, of Kutztown FFA, has been chapter vice president. He has been involved in swine finishing and breeding, beef finishing, and sheep finishing projects. Todd was recently honored with the Star Greenhand and swine production awards. Future plans include college.

Christopher A. Reichard

Christopher A. Reichard, 18, Blue Ridge FFA, has been involved with various dairy judging projects, and wants someday to work on a dairy farm. A four-year member of Blue Ridge FFA, the Waynesboro Area Senior High School student has served as the chapter president for two years and as president of the Franklin County FFA Association for two years. Christopher has been honored with the Chapter Star Greenhand Award and was runner-up for the South Central Star Farmer Award. FFA activities include Eastern Dairy 4-H Club, Franklin County Council (president), and the Franklin County Junior Holstein Club (vice president). His hobbies include various sports and dairy judging/dairy bowl.

Ronald Lee Richards

While he enjoys working with horses in his spare time, Ronald Lee Richards' plans include owning a small farm. Ronald, 19, of Hollidaysburg FFA, has worked on various FFA committees, including work experience and on the Blair County Land Judging Committee. Ronald has been awarded the Star Greenhand and Chapter Star Farmer awards, and picked up the Ag Mechanics Award (local and county) and Best Senior Ag Student Kiwanis Award. He has served on the Community Farm Show Committee for four years and the Clair County Envirothon Committee for three years.

Michael Riser

Michael Riser's plans include owning his own dairy farm, he said. This four-year member of the Conewago FFA has been a full-time employee of Kevin Holtzinger's Dairy Farm and has been involved with various dairy cow and heifer projects. Michael was the recipient of the chapter Star Greenhand and Star Chapter Agribusiness awards. He enjoys hunting, riding, and four-wheelers.

Shawn Riser

Shawn Riser, 17, from Conewago FFA, has been involved with the Food for America and Publicity committees. Shawn has also been honored with the Greenhand, Chapter, County, and Proficiency awards, and enjoys football.

Brent Risser

Brent Risser's plans are clear: to "work for my father at the family farm and grain business," he said. Brent, a four-year member of Solanco FFA, has been involved in swine breeding and finishing projects, as well as beef finishing, corn grain, wheat, barley, and soybean projects. He has served on Community Service, Leadership, and Tractor Buying committees, and has been honored with the Greenhand, Chapter, and Red Rose awards.

John P. Risser

To own and operate a registered Duroc and Yorkshire swine herd and crop farm is the main goal of four-year Cedar Crest FFA member John Risser. John, who has various swine herd and other project experience, has been chairman of various FFA committees and has been honored with the Greenhand, Chapter Farmer, and County Farmer awards. He has served as reporter, vice president, and president of his FFA chapter, and holds sentinel and reporter positions at the county level. John is a member of the Ski Club and SEE Club at his school, and placed in livestock judging at Penn State, participates at the Pa. Farm Show, and attended the National FFA Convention in Kansas City, Mo.

(Turn to Page D42)

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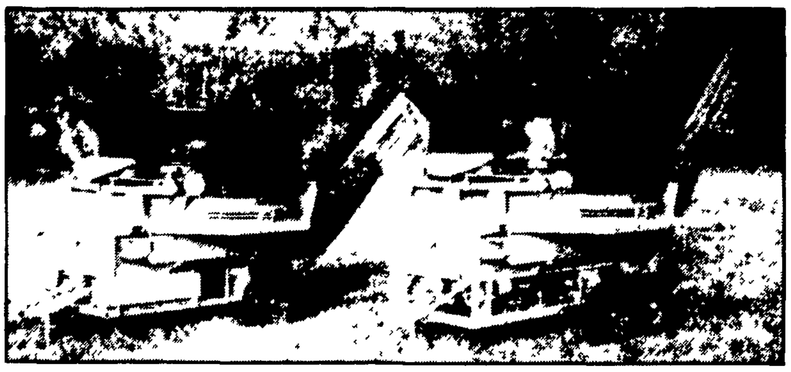

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(Continued from Page D40)

Andrew Lee Rittenhouse

Andrew Lee Rittenhouse is looking forward to majoring in agronomy in college, and has spent four years of membership in the Red Lion FFA working with various agronomy projects, including sweet corn, soybeans, and wheat. He has served as sentinel, assistant vice president, and vice president of his chapter. Andrew has been awarded the Diversified Crop Proficiency honor and won first place in extemperaneous public speaking. He has participated in the state and county Envirothon. He enjoys hunting, fishing, and lifting weights.

Keith Robinson

Keith Robinson's plans include a pursuit of a career in the agricultural field. This four-year Conewago FFA member has been involved in the FFA Recreation Committee and the Food For America Committee. Keith has been awarded the Sentinal, Greenhand, Chapter, and County degrees, and enjoys football and slot car racing.

David D. Rost

David D. Rost has been involved in the Twin Valley FFA Chapter, and picked up a wide array of awards. Earning first place in the Allentown Fair mini-exhibit and good placings on various record book contests, David has also been involved in the Tel-Hai BOAC Project, the Hay Creek Fall and Apple Festivals, Food for America, wildlife management, dairy judging, and county leadership conference. He placed second in southeastern Pa. for the Pa. Game Commission Wildlife Conservation Record Book Award. He plans to attend Penn State College of Technology and major in forest technology.

Brian Marlin Sauder

Brian Sauder has his sights set on becoming a mechanic for a farm implement dealer. The 17-year-old lives in Ephrata with his parents, Marvin and Bette J. Sauder. As a member of the FFA Cloister Chapter, Brian has held office as treasurer and vice president. He earned Star Greenhand, Star Chapter Farmer, and Star Red Rose Farmer awards. He placed first on the dairy judging team at Penn State in 1988 and second on the dairy judging team at Delaware Valley College in 1988. During his four years as an FFA'er, Brian has worked at dairy herd, hog finishing, and capon projects. Brian is vice president of the Metzler's Mennonite youth group, and enjoys hunting, fishing, and riding dirt bike.

Philip R. Sauder

Philip R. Sauder, 18, a four-year Grassland FFA member, has served as treasurer and vice president of his chapter. In addition, he has garnered the Greenhand, Chapter, and Red Rose degrees, in additon to Star Chapter Farmer Award. Philip has shown hogs at the state Farm Show, Manheim Fair, and Lampeter Fair. He has picked up the Ag Mechanics Proficiency Award, and entered various contests, including tractor driving, small gas engine, and other contests. His future plans include being a diesel mechanic.

Kevin Sangrey

The 18-year-old son of John and Faye Sangrey of Lancaster has his sights set on an agricultural-related career. As a student at Penn Manor and a member of the Manor FFA, Kevin has earned degrees as Greenhand, Chapter Farmer, and Red Rose. He also received a mechanics award. His projects included capons, tobacco, and work experience. He has participated in Penn State poultry and meats, and went to Kansas City for the poultry contest.

Tonya Scholl

Dauphin County Dairy Princess Tonya Scholl is president of the Upper Dauphin Area FFA and CDP area reporter for the National FFA Band. During the 1989-90 term, Tonya was CDP area chapter secretary, and she has earned Greenhand and Chapter Farmer awards. Her projects included dairy calf, dairy cow, swine finishing, market lambs, work experience, greenhouse production and banquet committees. The 18-year-old daughter of Fred and Linda Schroll of Elizabethville hopes to own her own greenhouse business and major in secretarial science at a two-year college. Her extracurricular activities include concert band, marching band, county band, Twin Valley Band, Upper Dauphin 4-H Dairy Club president, community Grange, and Holstein Association member. Tonja enjoys cross-stitching, working with plants, and square dancing.

Kenneth Scott

An 18-year-old member of Reynolds High School, Ken is the son of Mr. and Mrs. Robert Scott of Greenville. In 1989-90, Ken was president and treasurer of the Reynolds FFA Chapter. He won a trip to Penn State for the 1990 Dairy Foods. He enjoys hunting, fishing, weight lifting, roller skating, playing pool, bowling and volleyball. After graduation, Ken plans to enter the United States Air Force for four years and then work as an electrician.

Jeannine Seidel

The 16-year-old daughter of Mark and Barbara Seidel, Maxatawny, is in her fourth year of FFA membership at Kutztown Area Senior High School. Jeannine has concentrated on home and garden projects with work experience during her junior and senior year. In ninth grade, she was a Star Greenhand; in 10th grade, chapter vice president; in 11th grade, president; and in 12th, secretary. For three years, Jeannine has been a FBLA member. She is a Sunday School teacher and she enjoys hunting. She plans to become a secretary.

April Seigman

The 18-year-old daughter of Bernard and Edith Seigman hopes to work on or operate a swine breeding and finshing farm. She definitely desires working outside and has completed FFA projects in broilers, pullets, layers, swine finishing, strawberries, raspberries, tomatoes, canteloupe, and Christmas trees. As a member of the Red Lion Area FFA Chapter, April has served on the following committees: seed sale, recreation chairperson, calendar, FFA week, and chicken barbecue. Recipient of the Michael Spangler Outstanding Sophomore Award, April also has earned degrees as Greenhand, Star Greenhand, Specialty Crop Production, and Chapter Farmer. Other awards included White Rose, DeKalb, top salesman, and fruit and vegetable awards. April is FFA Chapter secretary and county chaplain. She has also been vice president and president of the Yorkana Youth Group.

(Turn to Page D44)

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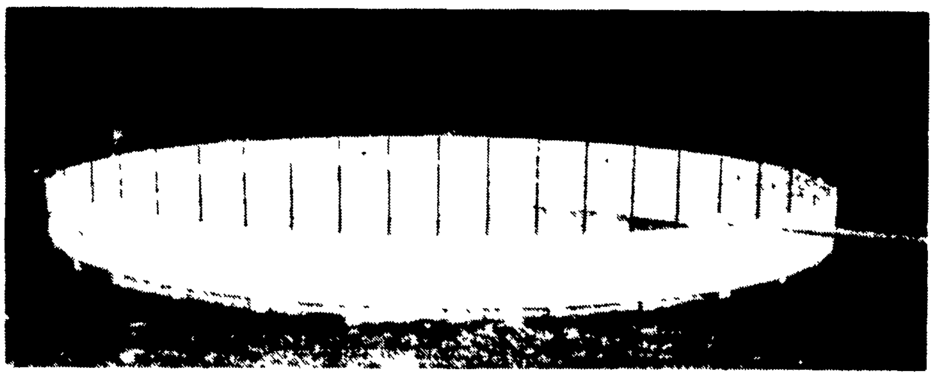

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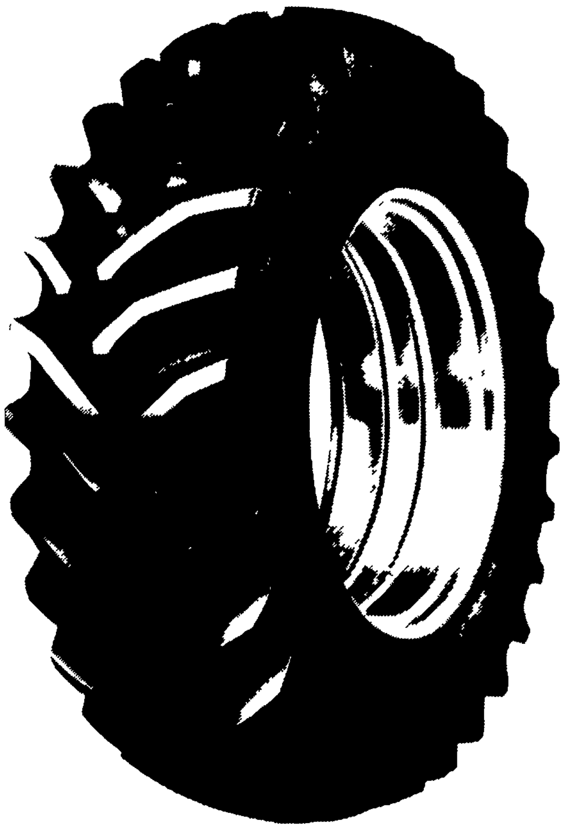

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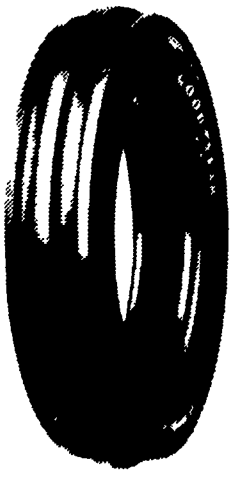

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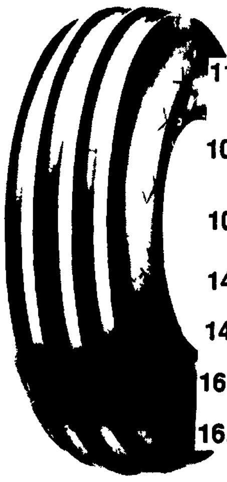

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10.00-16 6 Ply TL	$103.00
10.00-16 8 Ply TL	$109.00
14L-16.1 6 Ply TL	$201.00
14L-16.1 10Ply TL	$218.00
16.5L-16.1 8 Ply TL	$308.00
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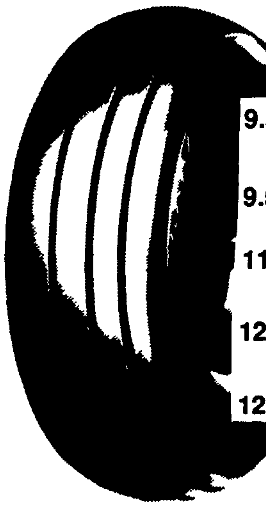

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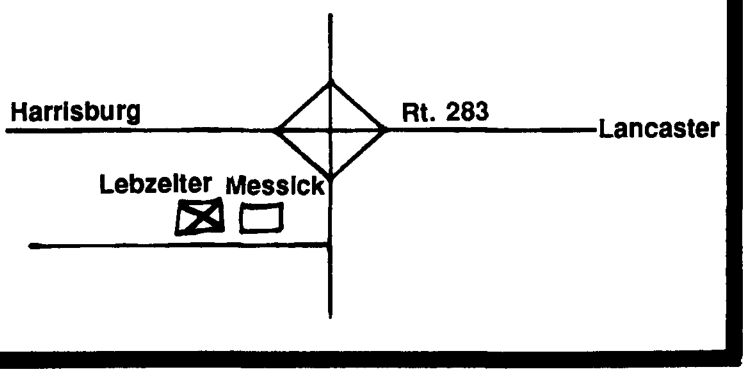

Coveted Keystone Degree

(Continued from Page D42)

Brian Sensenich

This fall, Brian Sensenich will pack his bags for Penn State to pursue an ag-related career. The 17-year-old son of Jay and Kay Sensenich lives in Lancaster and attends Penn Manor High School. Brian has held the following leaderships positions at the Manor FFA chapter: junior president, treasurer, and president. He received his Greenhand, Chapter, and Red Rose degrees. He was also named Star Red Rose Agribusinessman for Lancaster County and was a creed contest winner for his chapter. Projects include champion hog, tobacco, dairy foods, and poultry. He competed in the county land judging contest, the Eastern states poultry contest, the Kansas City poultry contest, and has worked on the invitation committee, the fruit sale committee, and with Ag in the Classroom. In his spare time, Brian enjoys archery.

Harry Shaffer

Harry Shaffer is the 17-year-old son of Kathaleen and Harry Shaffer. He lives in McSherrystown and attends New Oxford High School. He is a student advisor for the FFA Conewago Chapter. Harry enjoys running around with friends, meeting new people, and working. His future plans are undecided.

Jason Sherwood

Attending a technical school for agriculture is Jason Sherwood's goal following graduation from Seneca High School. He is the son of Gary and Susan Sherwood. As a member of the Wattsburg FFA Chapter, Jason has held offices as president, treasurer, and chaplain. His activities include fruit, leadership, contest, and scholarship projects. His extracurricular activities include baseball and football. Hobbies are square dancing and dairy cattle showing.

Juanita Shirk

Future plans for Juanita Shirk include an occupation in the secretarial field relating to agriculture. This four-year Grassland FFA member has been involved with various FFA projects, including raising market lambs, showing at fairs, and various committee memberships, including Cooperation, Leadership/Scholarship, Public Relations, and BOAC. She has been reporter and secretary of her chapter, and has been honored with the Greenhand, Chapter Farmer, and Red Rose degrees. In addition, Juanita has been awarded the Star Greenhand, Star Chapter Farmer, and Sheep Production Proficiency awards. She enjoys waterskiing, volleyball, crocheting, and sewing crafts.

Stewart Shoemaker

After graduation, Steward Shoemaker will either major in dairy science at Delaware Community College or start farming and milk Jersey cattle. The 18-year-old son of Dale and Joy Shoemaker of Millmont is a member of the Mifflinburg FFA Chapter. He earned Greenhand, Chapter, and SUN area FFA degrees. His awards include project book and Jersey Breed champion. He was chairman of demonstration and exhibit committee. Projects included dairy calf, dairy heifer, donkey basketball, cider, and pheasants. Stewart's activities included Pa. Junior dairy show. Area dairy show, project book contests, dairy judging, local speaking contests, and a tractor driving contest. Steward participates in varsity football and is treasurer of the Union County 4-H Dairy Club.

A. Scot Short

As a member of the Pennsylvania Cowanesque FFA Chapter, A. Scot Short has participated in Penn State Ag mechanics contest, parliamentary procedure team, county land judging, county forestry judging, and county livestock judging. He earned Chapter, Greenhand, and Tioga Area Farmer degrees. He is chapter treasurer, chapter agribusinessman, and placed first in county forestry judging. He received proficiency awards for agricultural processing and agricultural sales and service. The son of Mrs. Mary Short of Knoxville, Scot enjoys hunting, mechanics, woodworking and drawing. He plans to attend Pennsylvania College of Technology to study auto body technology.

Steve Shultz

A member of the McGuffey FFA Chapter for three years, Steve Shultz earned the Greenhand, Chapter, and County FFA degrees. In 1989, he placed second in the Washington County public speaking contest, and in 1990, Steve placed second in the Washington County tractor driving contest. He is the son of Ed and Jean Shultz of Prosperity. Steve enjoys restoring farm equipment. His FFA projects include beef finishing, chapter cooperation committee chairman, and work experience. Steve's extracurricular activities include marching band for four years, stage band, Boy Scouts, county band, Mid East Music Festival, and district band. Steve plans to attend college and major in secondary education to become a band director.

Kenneth D. Sims Jr.

As a member of the Middleburg FFA Chapter, Kenneth Sims Jr. has earned degrees in Greenhand, Chapter, and Area. He has been chapter chaplain and sentinel. The 18-year-old son of Kenneth Sims Sr., and Brenda Hafer, Chad lives in Middleburg. Projects include work experience, chairman of conduct of meetings committee, chairman of Initiation committee, and officer nominations and executive committee. Chad hopes to attend a two-year business school. He enjoys sports, hunting, and art.

(Turn to Page D45)

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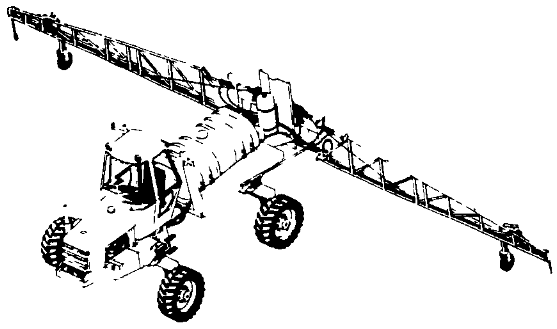

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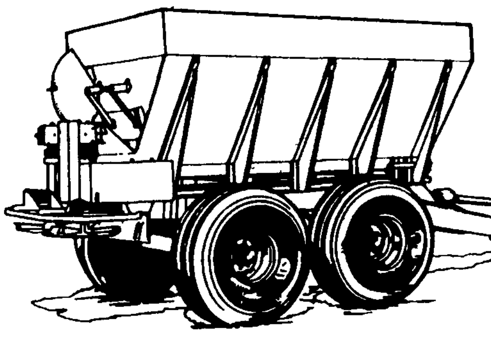

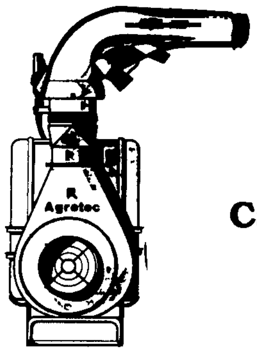

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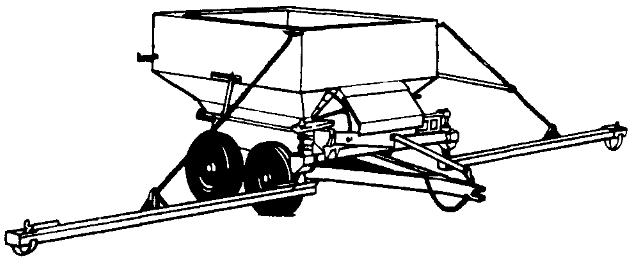

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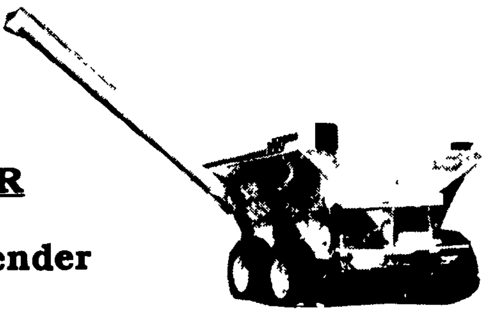

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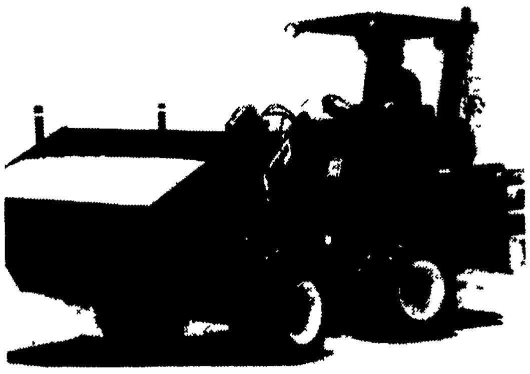

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Coveted Keystone Degree

(Continued from Page D44)

Cory Smith

At Cowanesque FFA Chapter, Cory Smith of Westfield has earned off-farm work experience in lawn maintenance. He works part time at Westfield Tannery and has earned degrees in Greenhand, Chapter, and County. The 18-year-old son of Norman and Thelma Smith has participated on the parliamentary procedure team, state ag mechanics contest, and is chairman of state and national activities. Because he enjoys working on cars, Cory plans to study automobile technology in college. He also enjoys collecting pennies.

Cory Smith

Now president of the Berlin Brothersvalley FFA Chapter, Cory has worked his way up the leadership ladder by holding the vice president position last year, and earning the Scholarship award, Chapter Degree, Greenhand Degree, state and national BOAC awards. He was a judging team member at the Eastern National Livestock Show. Cory attended Somerset County Leadership Conference, Collegiate FFA Leadership Day, Western Pa. Leadership Conference, and FFA week Penn State. He participated in parliamentary procedure, ctirus fruit sales, and placed first in 1989 county livestock judging. The 17-year-old son of Ed Smith and Sandy Horning lives in Berlin and plays varsity football, basketball, is a member of Youth Traffic Safety Council, works on the school yearbook, is listed in the Who's Who Among American High School Students, and was student of the month twice. Cory enjoys sports, hunting and fishing.

Jim Snook

With his eye on a career as a dairy farmer, Jim Snook has been doing his best to prepare for it. His FFA projects as a member of the West Snyder FFA Chapter, include dairy cows, dairy calf, beef, sheep breeding, and home gardening. He has served on committees for dairy calf ring, Food for America, points, and ice cream stand. The 19-year-old son of Mr. and Mrs. Ross Snook of Beavertown has earned degrees for Greenhand, Chapter, and SUN area farmer. Awards are in proficiency, wildlife and parliamentary procedure team for two years. Jim participates in the United States Army Reserves, varsity baseball, varsity chess team, and assistant Cub Scout leader. Leadership roles include sentinel, student advisor, assistant vice president, and SUN area chaplain.

Chad Matthew Snyder

Chad hopes to become a dairy and hog farmer. The 17-year-old son of George and Brenda Snyder lives in Red Lion and is a member of Red Lion Area FFA Chapter. Chad has been chapter treasurer for two years and parliamentarian for one year. He has earned degrees as Greenhand, Chapter Farmer, project book and contest. Chad is active in swine finishing, oats, beef finishing, and work experience. Chad is a member of his church youth group and enjoys hunting, fishing, and playing volleyball.

Cheryl Sollenberger

After graduation, Cheryl plans to work for her parents for one year before going to college and majoring in early childhood education. The daughter of David and Mary Sollenberger lives in Williamsburg and is a member of the FFA Williamsburg Chapter. Her FFA achievements include leadership roles as chaplain, treasurer, and second vice president. She earned degrees in Greenhand, Chapter Farmer, Keystone. Cheryl placed first in the South Central Region Keystone Farmers Degrees, competed in the creed speaking contest, and in dairy production, beef production, and diversified livestock production. She accumulated 800 hours of on-farm experience in beef finishing, dairy beef, dairy cows, beef breeding, and dairy calves. All awards were gold certificates with a bronze award for two years of state record keeping. She was the ninth grade delegate for FFA week, served on the nominating committee, and participated in livestock judging, dairy cows, dairy beef growing, beef finishing, beef breeding, beef growing, dairy calves, dairy heifers, and dairy beef finishing. In addition to working with her animals, Cheryl participates in basketball, prom committee, CIH, Students Against Drunk Driving, barbell club, senior class representative, homecoming decorating committee, homecoming candidate, and basketball manager.

(Turn to Page E5)

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Here are two plots weighed by Pioneer. We won them both!

1990 Corn Yield Results
Date Harvested 10-12-90
Weighed by Pioneer

Roger Standage
Ravenna, NE
Buffalo County

Brand	Variety	Test Weight	% Moist	Bu/Acre At 15.5%
NC+	5891	56	23 7	169 5
Super Crost	5415	56	26 5	166 3
Super Crost	5460	57	25 9	171 5
George's	**6112**	**57**	**25.1**	**180.3**
NC+	5990	57	26 7	157 0
Pioneer	3180	55	24 0	154 3
Pioneer	3377	56	19 4	165 4
NC+	4616	57	18 6	169 0
Pioneer	3362	58	18 1	170 0
Pioneer	3379	58	16 9	171 3
Pioneer	3475	59	16 1	153 4
Pioneer	3467	59	17 7	171 0
Pioneer	3503	61	19 1	176 0
George's	**6109**	**57**	**19 7**	**176.3**
Super Crost	4386	58	20 9	159 0
Super Crost	2989	59	17 3	152 3
NC+	5891	57	23 7	170 0

1990 Corn Yield Results
Date Harvested 10-9 90
Weighed by Pioneer

Bruce Welch
Spring Valley, MN
Fillmore County

Brand	Variety	Test Weight	% Moist	Bu/Acre At 15.5%
Mallard	612	52	25 6	154 5
Super Crost	1900	52	24 5	131 3
Super Crost	2000	52	27 3	144 2
Pioneer	3751	53	23 0	155 3
Jacques	5310	54	21 5	130 1
Great Lakes	446	50	21 6	139 3
Cargill	3637	51	25 7	147 0
Dekalb	451	51	21 5	131 3
Payco	549	51	25 8	146 4
Dekalb	485	48	21 2	122 0
Gutwein	2191	52	25 4	150 8
Pioneer	3733	55	21 5	154 5
Mallard	612	51	27 1	145 1
George's	**7102**	**52**	**25 1**	**160 7**
Cargill	4327	51	32 7	157 9
Jacques	5700	51	29 9	144 6
Pioneer	3585	51	25 9	155 3
Super Crost	2040	50	26 3	154 5
Cargill	4227	51	24 7	158 2
Viking	5202A	50	30 3	145 7
Mallard	616G	51	24 2	130 6
Dekalb	535	51	26 1	146 2
Gutwein	2412	50	24 7	137 7
Jacques	5700	50	27 8	148 9
Payco	648	52	26 8	151 2
Northrup King	N4545	49	24 9	152 3
Jacques	7700	52	30 3	145 8
Pioneer	3578	51	28 2	152 9
Jacques	6770	49	24 9	143 4
Jacques	7770	51	32 0	156 9
Gutwein	2605	50	31 6	151 2
Pioneer	3475	52	26 3	154 6
Payco	872	51	30 5	140 6
Mallard	621AA	51	30 8	142 2
George's	**6109**	**51**	**33.2**	**143.0**
Jacques	7820	51	35 9	138 2
Jacques	7700	52	29 2	144 7

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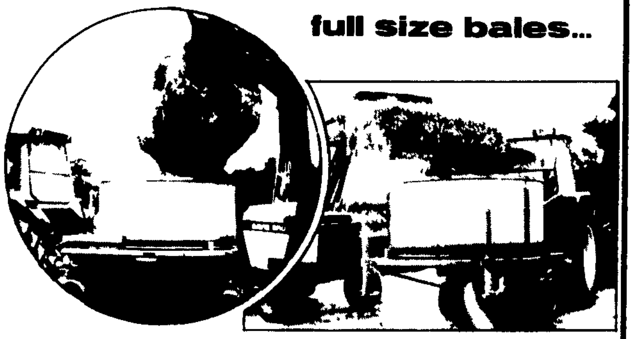

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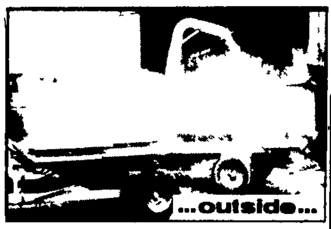

...outside...

...either side.

Schoessow

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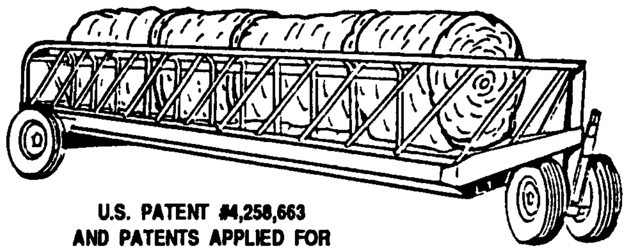

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20'	35
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★ STRONGER FRONT END
★ ADDED FEED SAVINGS

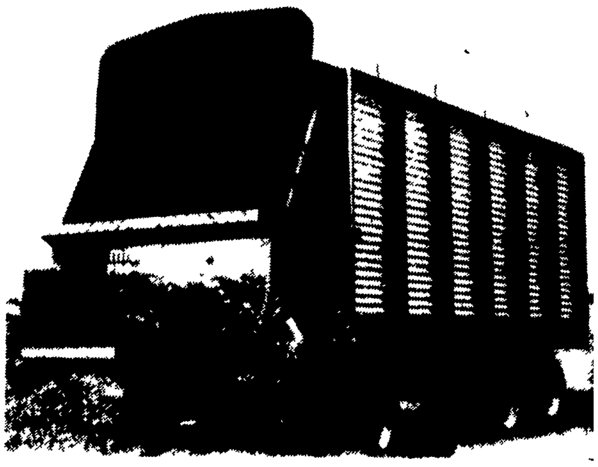
EFFICIENTLY FEEDS

GREEN FEED
ROUND BALES
SQUARE BALES
SILAGE/HAYLAGE
CHOPPED HAY
GROUND FEED

MILLER PRO

Forage Boxes

Engineered and built to meet the demands of the professional farmer.



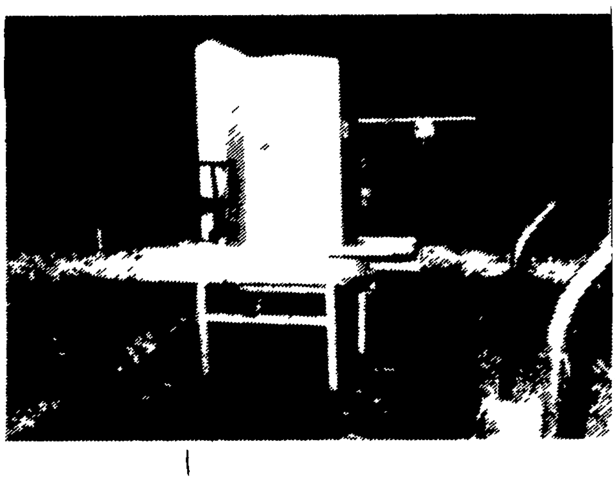
MILLER PRO 4100 4-SPEED

☐ 4-Speed Transmission.
☐ Left-or-right-hand discharge available
☐ Our torque team clutch/drive on metering augers allows inch-by-inch feathering of the metering augers to start a load Now we've added another torque team as a combination safety clutch and outfeed clutch Allows operator controlled discharge from the outfeed
☐ Sizes: 16' - 18½' - 21' Load Lengths
☐ Metering Augers, not just beaters
☐ Extended roof to save crop in windy conditions
☐ Steel tailgate frame for added strength
☐ Three 2x8 full length bolted main stringers standard on all models - no thru knots.
☐ Metering augers supported by sealed ball bearings, not bushings.
☐ Double bolted 2x6 cross members for strength
☐ 5/8" sealed marine grade plywood - no floor knots
☐ 20 Ga aluminized sides for strength and long life and 20 Ga crop clear roof - no rafters

---

Kidd bed-spread

When only the best will do!

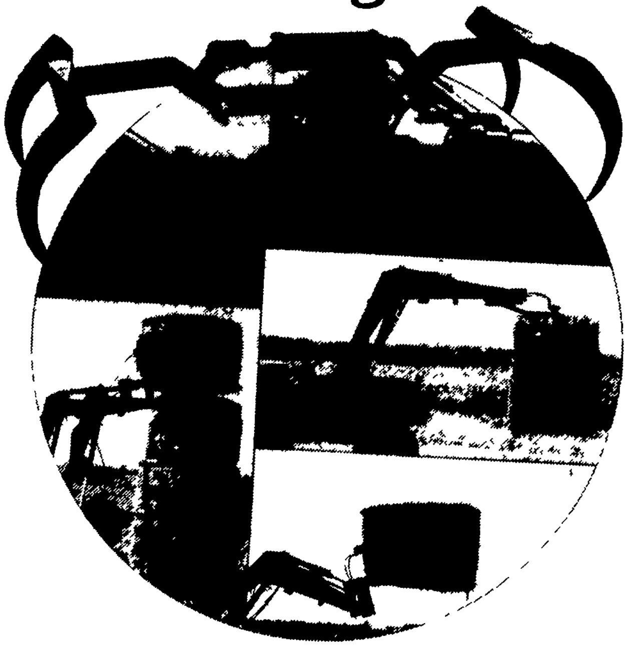


The Kidd Bedspread chops and disperses rectangular bales (14 ins. x 18 ins.) for animal bedding; extra bales can be carried on the table. It discharges to either side and it is tractor cab controlled. This highly manoeuvrable machine is linkage mounted and P.T.O. driven, delivering finely-chopped material in an even spread.

Get the facts ... send for full colour brochure and Kidd Dealer details.

WIFO

ROUND BALE HANDLING EQUIPMENT



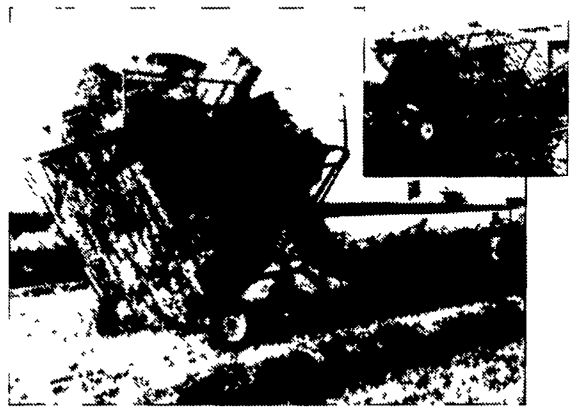
WIFO Bale Grabber

- The logical and economical answer to your handling and stacking of round bales.
- It is designed to fit most double cylinder front-loaders with a loader arm distance of 50 inches or less.
- It is able to grab all sizes of round bales up to 2000 lbs. from any position and stack them 4 or more high depending on your loader's capabilities.
- Unloading the stack is just as easy and now you can load your bale feeder or tub grinder easily and efficiently.
- The unique shape of its four times gives you a very secure grasp on the bale and its mast is adjustable to fit various loading requirements.

ONE OF A KIND IN ITS FIELD

FORAGE KING

HAY BASKET



THE PRACTICAL WAY TO HANDLE SQUARE BALES FROM THE FIELD TO THE BARN.

ADVANTAGES OF "HAYBASKET"

- Reduces baling time by up to one-half since you can unload at the barn with the flip of a lever.
- Reduce the number of broken bales caused by a bale thrower.
- Eliminate maintenance cost of a kick/thrower.
- If you presently are not using a kicker or need a new bailer, eliminate the entire cost of a kicker.
- Replace three hay wagons with two haybaskets since unloading time is so fast.
- Eliminate the "Swaying" problem with 4 wheel wagons on the road. Increase transport speed.
- The Haybasket acts like a "Two-Wheel" Trailer. Since the front wheel casters, it is easy to maneuver.
- The Haybasket is priced close enough to a new kicker wagon that it is very affordable.

For more information return the coupon to the address listed and check the appropriate box.

☐ **Send me literature and the name of my nearest haybasket dealer.**
☐ **Send me a VHS tape ($10. Plus C.O.D. Charges) and literature on the haybasket.**

NAME________________
ADDRESS________________
PHONE________________

RETURN TO:
CUMMINGS & BRICKER, INC.
100 Stover Drive, Carlisle, PA 17013

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Carlisle, PA 17013
Phone (717) 249-6720

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Phone (716) 343-5411

VISIT WITH US [illegible]

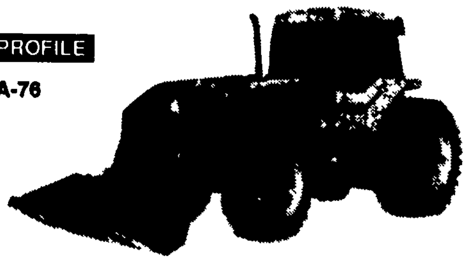
Why Settle for Less Than A WESTENDORF

Others	Westendorf	
☐	☒	**Patented Power Mount** mounts itself while you stay on tractor.
☐	☒	**Patented Custom Adjust Bracket System.**
☐	☒	**Low Profile** provides greater visibility on both 2w.d. & 4 w.d. from 10 to 325 HP.
☐	☒	**Patented Snap Attach Quick Coupler** hook up attachment from the seat of your tractor.
☐	☒	**Low Price and Superior Quality** on tractors from 10 -325 HP.
☐	☒	**Resale Value** Westendorf quality often means $1000 plus in resale value over other loaders

Don't allow yourself to settle for less than the best. Only WESTENDORF Loaders offer all these "superior features" at a low cost.

LOW PROFILE

TA-76



7140 CASE-MAGNUM 4 W.D.

BSC: TWO WHEEL TRACTORS YOU CAN USE FOR ALL SEASONS

BCS tractors make sense. Because in just minutes, A BCS tractor converts from a tiller to a lawn mower, snowthrower, sprayer, power sweeper, chipper shredder and more!

Plus our tractors are available in sizes from 5 to 14 HP. For little people or big. And from big jobs to little.

Which makes right now a good season for you to get the information you need about your nearest BCS dealer.

BCS

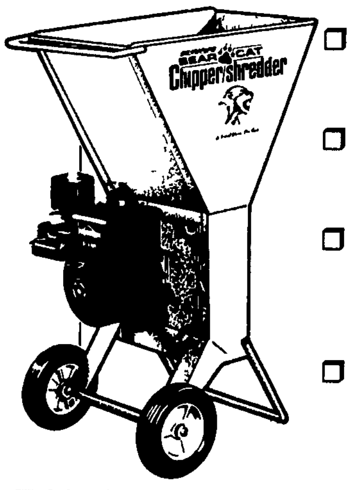
A TWO-WHEEL TRACTOR FOR ALL SEASONS.

Compact Performanc

Chip it.

Shred it.

Get rid of it.

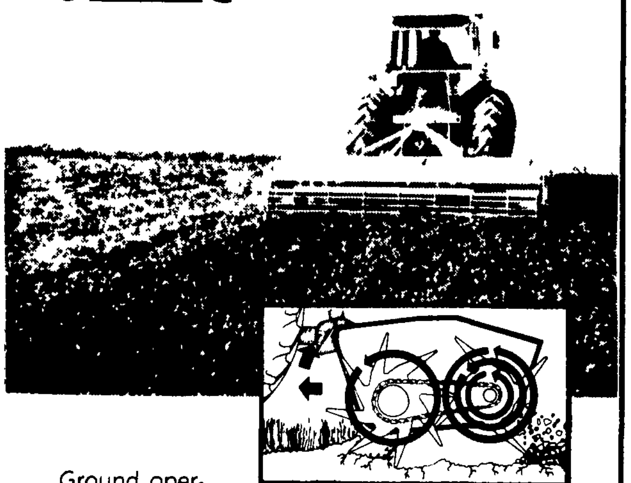


- ☐ Power choice of, 1.2 hp electric or 2 hp gas engine.
- ☐ Serrated, self-sharpening shredding bales.
- ☐ 2 chipping blades handle limbs up to 1" diameter.
- ☐ Makes quick work of yard, garden and home waste.
- ☐ Ideal for recycling, reducing and composting.

CRARY BEAR CAT Chipper/shredder

Fast, efficient, one-pass seedbeds with new Hart-Carter

dyna-drive™



Ground operated no PTO or gearbox

Unique, forward scooping action prepares uniform, level seedbed in wide range of soils at high speeds Adjustable depths from 1½ to 5½" Long wearing tines, simple award winning design for easy maintenance Greater fuel economy

HCC

HART-CARTER COMPANY

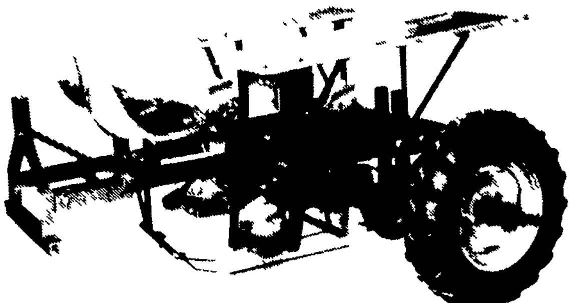
Won top honors in Implement & Tractor's 1st design award competition for shortliners

HOLLAND TRANSPLANTER HOLLAND TRANSPLANTER CO

Only planter able to set 3" potted plants through plastic!!

We want your plants to get the best possible start.

Through plastic or in bare ground. Holland is the only planter that can plant a 3" pot, 5" deep. Deep enough to avoid pot "wicking" while giving stem protection from wind damage. Also, there are seven interchangeable spades available. Lets you plant the pot size of YOUR choice. ¾" to 3". Optional automatic watering system stimulates faster growth. All this is a planter that is built to last. Welded 2½" tubular frame construction. Sealed and roller bearings. Wt. approx. 700 lbs. Available in tractor mounted, one row, two row and twin row models. See your local dealer, call or write.

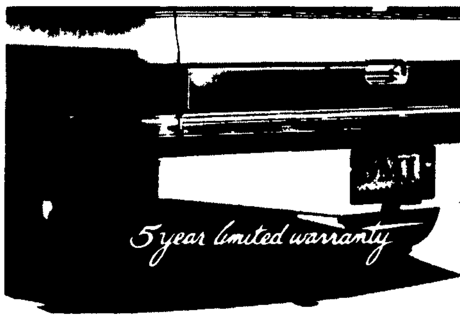


Additional equipment available for a complete plastic planting operation.

Holland Transplanter's years of experience in this industry has led to the development of our Plastic Mulch Layer: Mulch Digger; Bed Shaper and the combination Bed Shaper/Mulch layer.

DMI NEW DROP-CENTER

quic-cush'n bumper hitch

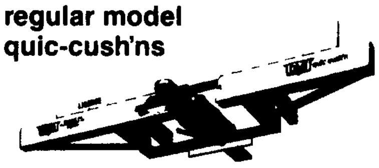


Available in SILVER, WHITE PRIMER

A NEW WORKING BUMPER WITH STYLE AND CLASS!

- **Saves time...** one trip to hookup! No running back and forth... swinging, extendable towbar for widest hookup range!
- **Takes "jerk" out of towing...** cushion springs minimize surge... saves your back!
- **Reduces stress on complete drivetrain** with 4" spring cushion fore and aft!
- **No parts to break or wear out...** all steel with removable 6 ga. face.. no poly parts!
- **Versatility...** mounts on full size 2WD or 4WD pickups to pull grain wagons, horse trailers, etc.

regular model quic-cush'ns



Standard and heavy-duty units for 2-wheel and 4-wheel drive full size pickup trucks and heavy-duty 'stubby units for straight trucks

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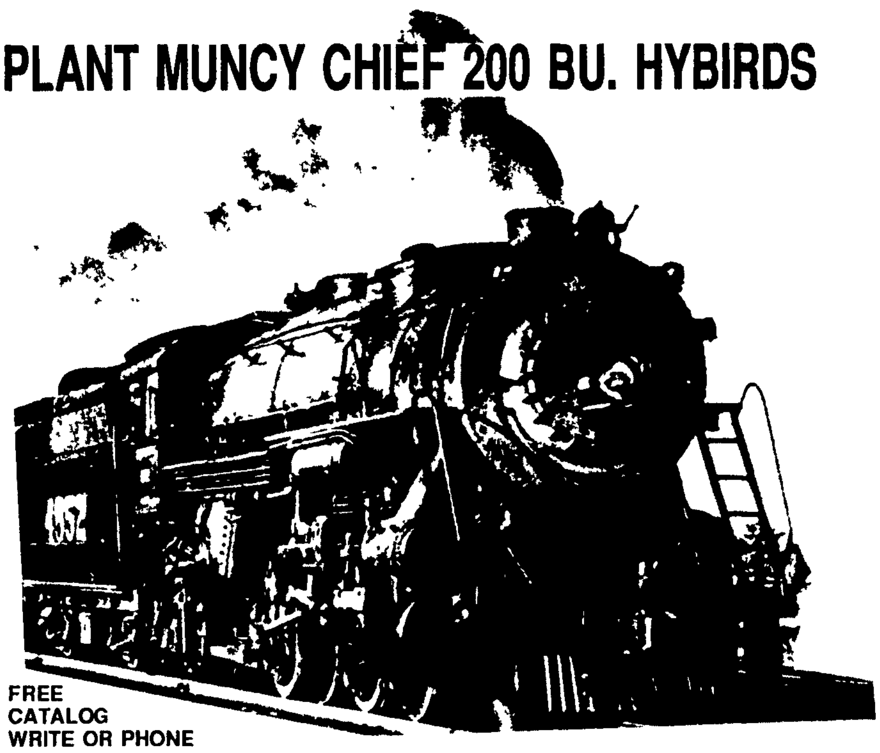
PA 800-874-4803 NE EXCEPT ME 800-874-4805 OR 717-546-5981

PLANT MUNCY CHIEF 200 BU. HYBIRDS



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CATALOG
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Write or Call For Prices

MUNCY-CHIEF BRAND SEEDS

NEW SERVICE FOR 1991
BULK SALES AND DELIVERIES
SAVE TIME AND MONEY
WHOLESALE - RETAIL

Wholesale Prices to Dealers and Agents

Retail prices to consumers and Farmers, Bulk Sales Wholesale and Retail

If not a Dealer become a Muncy-Chief Dealer, make more money and sell the best seed corn to your customers. Make $10.00 a bushel on seed corn, sell 500 bushel and earn a Free cruise. ALSO AVAILABLE IN MOST COUNTIES, STATES OR AREAS. Become a Muncy-Super Chief Dealer or Agent sell to other dealers, large farmers, make a good commission $5.00 bu. on seed corn and other seeds accordingly. Sell 2,000 bushel wholesale to dealers and large farmers, earn Free Cruise

SPECIAL OFFER

LUCKY SEVEN TEST PLOT OR STRIP TEST

PLANT MUNCY CHIEF
LUCKY
CORN 7 PLOT
7-10lb BAGS $70.
MEDIUM
FLATS

Plants 4 or 8 rows across most fields. Have yield checked by Vo-Ag Advisor, County Agent, or other non-interested person before November 1, 1991 send in complete harvest report and we will give you full credit on your 1992 seed order

MUNCY-CHIEF OF MUNCY, PA
WISHES YOU A VERY
PROSPEROUS NEW YEAR
1991

JANUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
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FEBRUARY

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APRIL

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MAY

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JUNE

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JULY

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AUGUST

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SEPTEMBER

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OCTOBER

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NOVEMBER

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DECEMBER

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29	30	31				

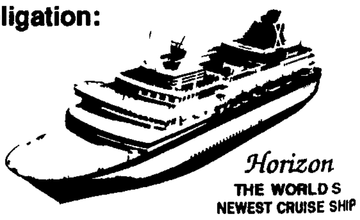
OTHER
MUNCY-CHIEF
SEEDS
ALFALFA,
SOYBEANS,
SORGHUM-
SUDANGRASS
GRAIN SORGHUM
SEED OATS
SEED BARLEY
SWEET CORN
INDIAN CORN
ALSO
SISEL AND
PLASTIC
BALER TWINE
FEED GRAIN
EAR CORN
SHELLED CORN
FEED OATS
FEED RYE,
ROASTED CORN
ROASTED RYE
FOR FEEDING OR
FOR FUEL.
ASK FOR PRICES.

Pictured with Muncy-Chief All Crop Weight Master truck is Marvin and Timothy Brown of Littlestown, Pa., Some Random Lucky 7 and Strip tests as high as 261.6 bushels to the acre in 1990.

Clip and Mail or Phone

MUNCY-CHIEF HYBRIDS, INC. Muncy, PA 17756

I or we are interested, Please Mail further information without obligation:
___ Please send free catalog and price lists
___ Please send Bulk Sales Price List
___ Please send wholesale prices, I am a dealer.
___ I want to be a dealer (If no dealer in my area)
___ I want information on being a Muncy Super Chief Dealer
___ I can work full time (as salesperson)
___ Part time (My other business is ______________)
I Farm Total Acres ______ Corn ______ Other______
Name__________________ Phone______________
Address________________________________



Horizon
THE WORLD S
NEWEST CRUISE SHIP

___ Please send special prices and Free Brochure on cruises.
For ___ This Winter
___ Next Summer
___ Next Fall
To:______________________

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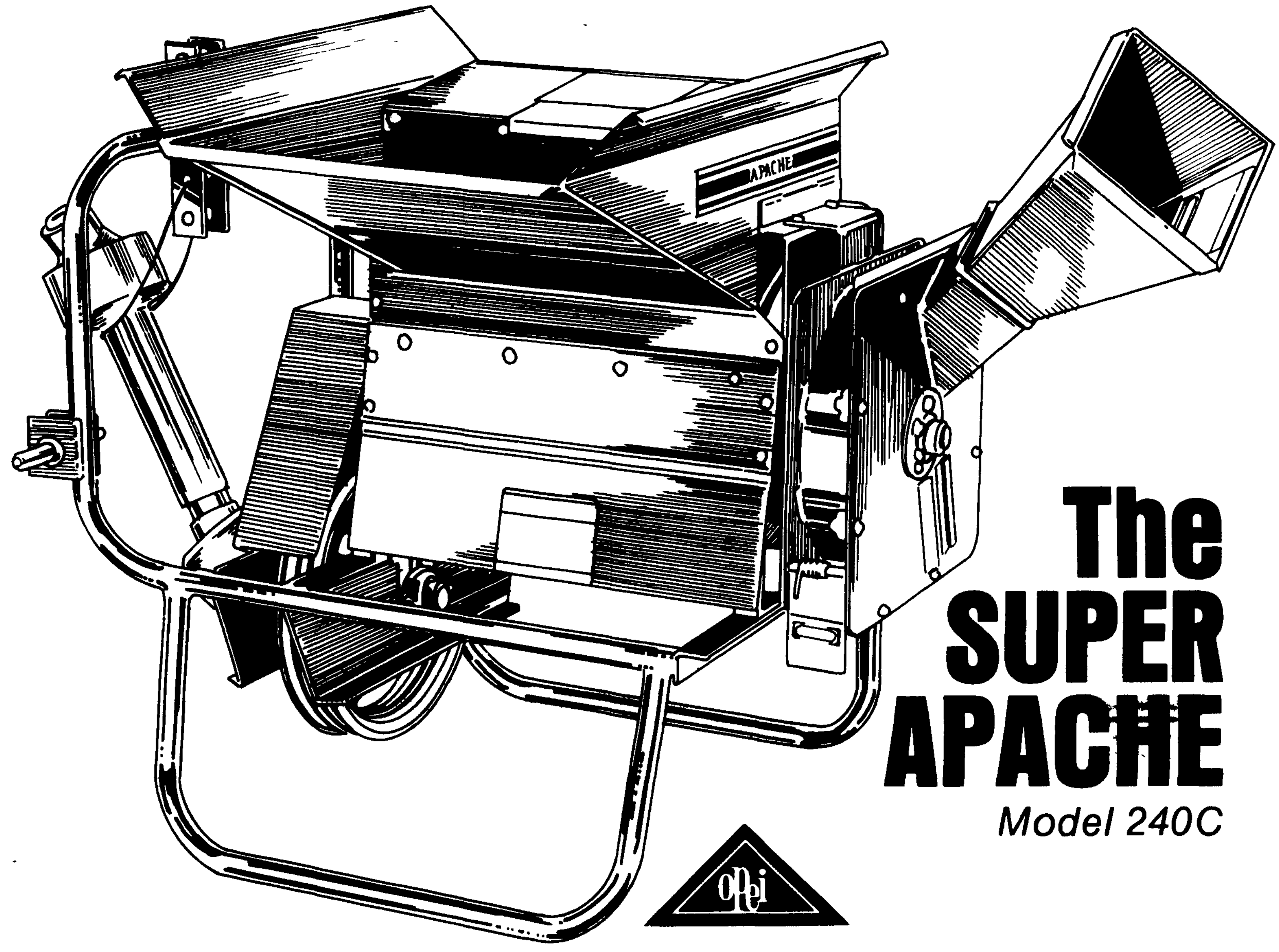
CHIPPER/SHREDDER USERS!



The SUPER APACHE

Model 240C

Perfect for farm, nursery, orchard!

You can clean up any size property with this heavy-duty chipper/shredder. Just hook up to your tractor and haul it wherever it's needed!

- *High-volume shredder capacity*
- *Chips branches up to 3" thick*
- *24 high-speed rotating hammers instantly shred materials*
- *Powered by 540 rpm PTO tractor (catagories 0 and 1)*
- *Lifetime warranty on cast-iron frame*
- *Gas powered models available from 3½HP and up*

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WE KNOW WHAT YOU WANT IN AN AUGER

When it comes to moving grain, we know what you want in an auger.

Westfield augers are tough, dependable and durable . . . because they're designed, engineered and built to be that way, from the ground up, by people whose only business is augers.

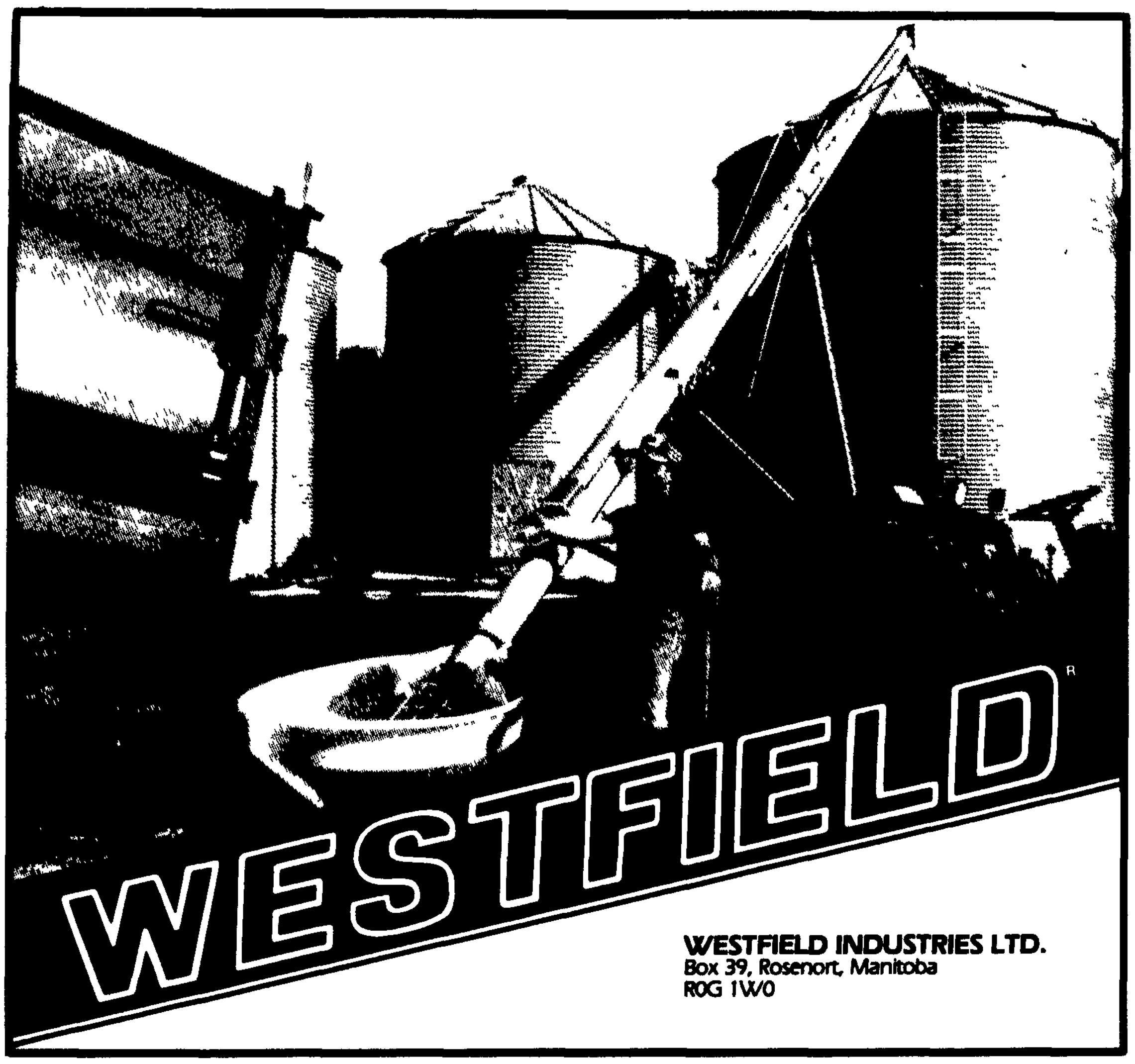
That's why Westfield's the leading grain auger manufacturer in North America — with more models, more sizes, and more drive styles. And probably more satisfied users too.

Westfield Conventional augers offer you a choice of lengths from 26 to 71 feet, diameters of 6, 7, 8 and 10 inches, and a choice of several electric, gas or PTO drive styles.

Westfield's TR augers feature a power lift system that raises and lowers the auger hydraulically. So you can transport and position the TR without leaving the tractor.

Westfield really does know what you want in an auger . . . convenience, performance and good value — in a hard working dependable grain auger.

Your Westfield dealer has one for you — in a size and model to suit your needs. Get one working for you today.



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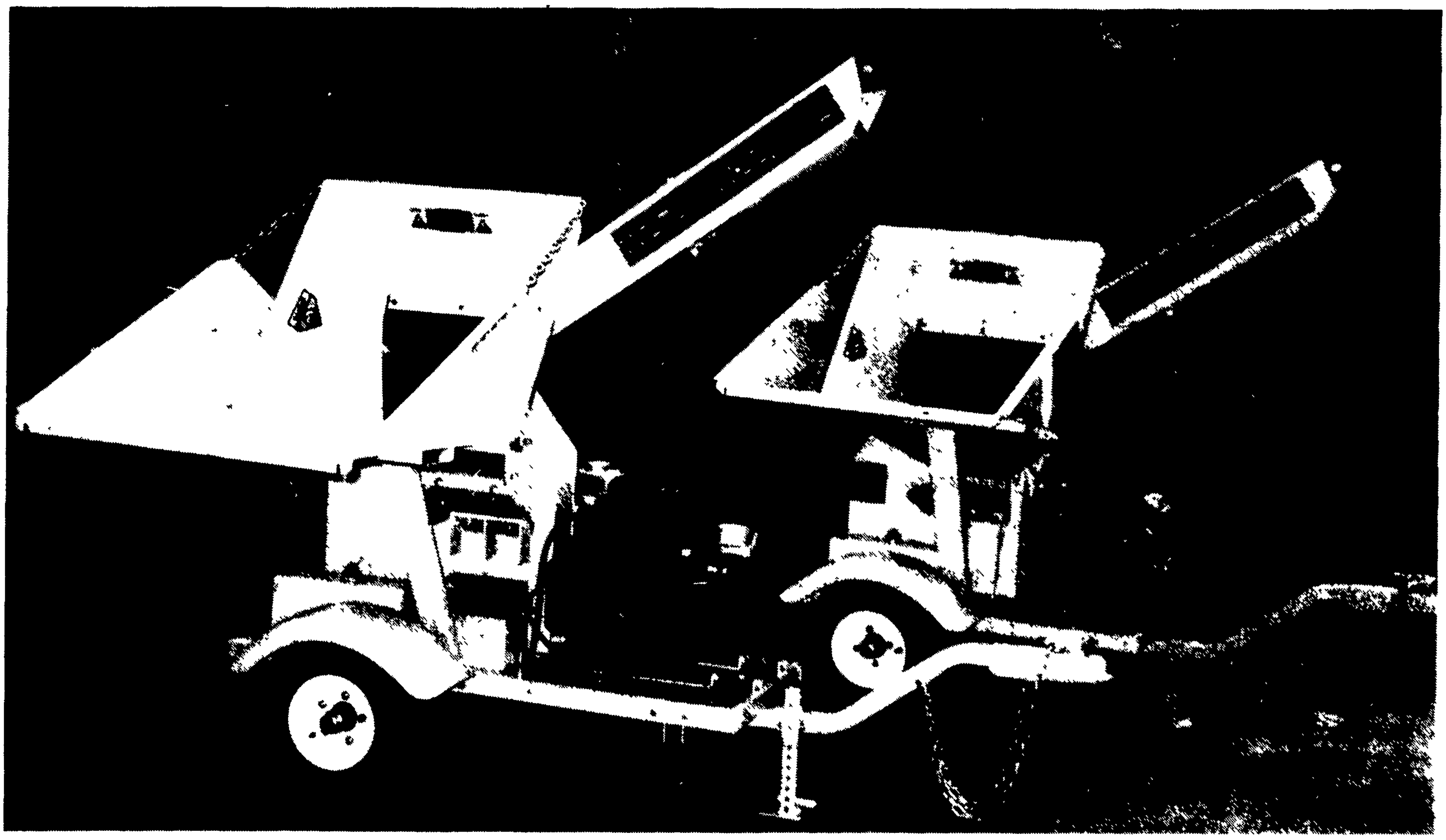

WOOD PRO - **DISC STYLE BRUSH CHIPPER FOR UP TO 5 INCH DIAMETER WOOD. AVAILABLE IN 20 INCH ROTOR (3" DIAMETER BRUSH) OR 24 INCH ROTOR (5" DIAMETER BRUSH) AVAILABLE IN PTO OR GAS ENGINE. HOPPER & CHUTE FOLD FOR TRANSPORT.**

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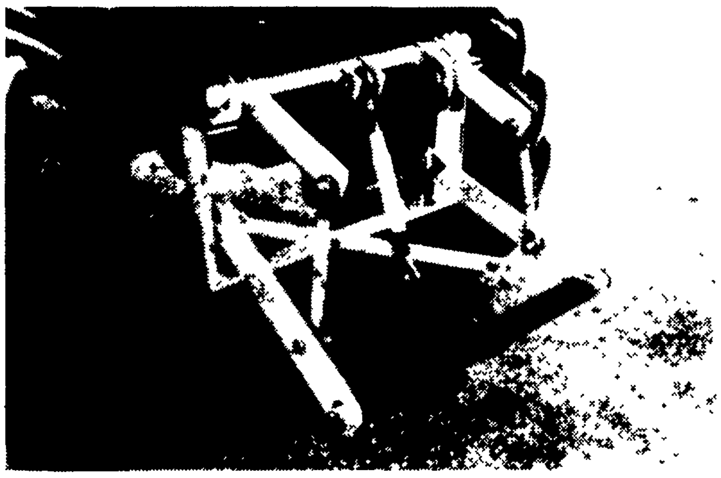
New versatility from your older tractor!

3-PT. HITCH KITS FOR OVER 100 MODELS



Model AK-308 3-pt adapter kit shown on Allis Chalmers B tractor

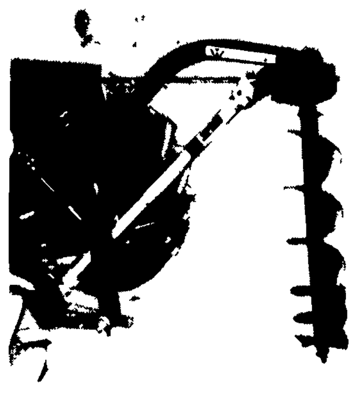
- Cat. I and Cat. II kits for front and rear
- Rugged, field-proven construction
- Designed for easy installation

For more information, call or write a Worksaver hitch kit specialist today: **217-324-5973**

FAX 217-424-3356

WORKSAVER, INC.
P.O. BOX 1000 / LITCHFIELD, IL 62056

Worksavers

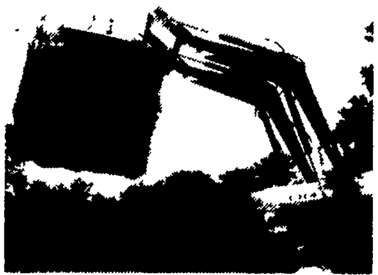


Dig a smooth, clean hole with your tractor

To make fast work of fence maintenance, planting saplings or building pole sheds, try a three-point accessory posthole digger from Worksaver. Six models to choose from with 6", 9" or 12" augers. See your Worksaver dealer and let your tractor do the work.

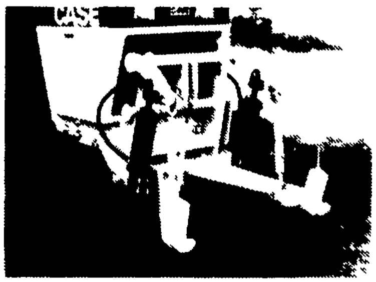
WORKSAVER, INC.
P.O. Box 1000, Litchfield, IL 62056
Telephone: 217-324-5973

How to make your tractor your best investment

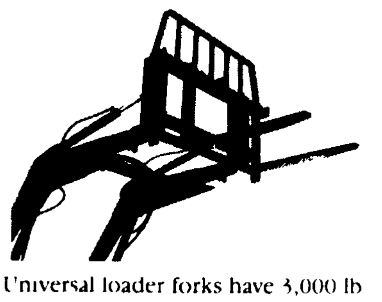


Super Bale Claw lifts, stacks, and loads round bales up to 1800 lb Adjustable

Rugged 3-pt hitch conversion kits are available for more than 98 tractor models

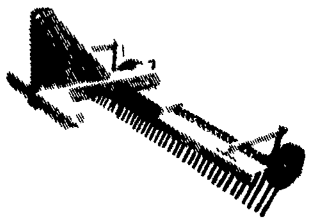


Front-end 3-pt hitch doubles tractor work capacity Accommodates many front-end tools

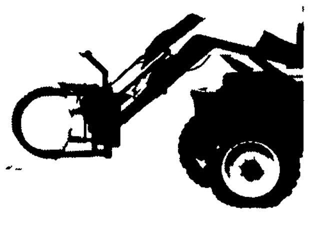


Universal loader forks have 3,000 lb capacity, back guard, center stabilizer spike, and tubular or solid tines

PTO-powered auger screw digs a deep, smooth hole in seconds Various models



Landscape rakes prepare soil for seeding, spread crushed stone or soil



Bale Hugger with round tubing arms handles bales gently won't puncture wrapped bale cover

Power seeder/spreaders from 1 to 20 bu Adjustable seed gate control

Good managers know that keeping equipment working as much as possible spreads the investment over greater productivity. Worksaver three-point attachments make your tractor more versatile to do more jobs and work harder for you. Put Worksaver accessories to work saving time and effort on your farm today. They'll make your tractor the second most versatile thing on your farm, next to you.

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YAZOO!

"Something Worth Shouting About..."

Yazoo mowers have earned a reputation for quality and endurance among customers throughout the most demanding lawn care regions in the country. For 45 years, commercial lawn maintenance firms and consumers have come to depend on our heavy-duty components, practical design, easy maneuverability and operator comfort.

Whatever your application, Yazoo has a mower to maximize your time on the job. Choose a cutting width from 20″ to 76″; with high performance engines strong enough to meet your needs. All Yazoo mowers are designed for tough turf, but their responsive handling will leave your lawn with a smooth, professional finish.

You'll also like our prices. We're able to give you the features you want – the rugged construction you need – at a cost that may surprise you. If you are looking for superior performance and matchless value, you can stop looking; and start shouting . . "Yazoo!"

YAZOO
60
76
YAZOO
YAZOO 48

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Coveted Keystone Degree

(Continued from Page D45)

Jacob Sonnen

After graduation, Jacob wants to participate in the FFA WEA and work on the home farm located in Richland. The 17-year-old son of Malcolm and Janice Sonnen, Jacob is active in the Eastern Lebanon County FFA chapter. He has held offices as assistant vice president, sentinel, vice president, and county sentinel. He has earned degrees as Greenhand, Star Chapter Farmer, and Chapter Farmer. Jacob has participated in the district dairy show, state dairy show, Penn State FFA activities week, regional dairy judging contests, 61st national convention, 63rd national convention and in dairy herd and alfalfa projects. Extracurricular activities include 4-H, Jr. Holstein Association member, Jr. Holstein Dairy Bowl. He enjoys hunting and fishing.

Joe Spencer

For four years, Joe Spencer of Newville has held leadership positions in the Big Spring FFA Chapter. He has been chapter sentinel, chapter treasurer, Area CDP treasurer, Star Agribusinessman for two years, and high salesman of citrus sales. He has earned Greenhand, Chapter Farmer, and Area degrees. The 18-year-old son of Stan Spencer of Newville enjoys hunting, fishing, and varsity soccer. His FFA activities included membership on the earnings, savings, and investment committee, community service committee, and citrus sales. He competed in contests for tractor driving, record book, Keystone livestock judging, All-American dairy judging, and FFA activities week. Joe's projects included dairy beef, breeding sheep, market lambs, market hogs, corn production, and work projects.

Steve Staggers

As president of the Waynesburg FFA Chapter, Steve Staggers desires to be a successful leader in farming. He plans to attend either a trade school or a college for agriculture. His awards include prepared public speaking, extemporaneous speaking, creed speaking, Star Greenhand, Chapter Farmer, and certificate of merit for envirothon. Steve is the son of Ben Staggers and Barbara Bruno of Spraggs. Steve's projects include farm products judging, land judging, livestock judging, dairy cattle judging, chapter creed contest, tri-county creed contest, regional creed contest, parliamentary procedure, tri county parlimentary procedure, tractor driving and safety contest, prepared public speaking, Green County Envirothon, tri-level prepared public speaking, extemporaneous speaking, Harrisburg Convention, and Johnstown leadership convention. Steve is also involved in football, hockey, basketball, and has received awards in history and English.

Chad Stambaugh

"I would like to own my own farm some day and if I don't I would like to be a herdsman," Chad Stambaugh said. Chad, the son of David and Sue Stambaugh, lives in Strausstown. He attends Hamburg Area High School and is a member of the Hamburg Area FFA. As chapter treasurer for four years, Chad received the chapter leadership award. For FFA projects, he raised a dairy herd of six, has 10 market hogs, and works 40 hours a week. He is faculty breakfast chairman and received a dairy proficiency award. Chad enjoys baseball, hunting, fishing, snowmobiling, and skiing. He works with audio visual personnel.

Mike Stermer

After graduation, Mike plans to attend auctioneer school and then become a partner on his parents' York county farm. The 17-year-old son of Gerald and Norma Jean Stermer of East Berlin is FFA chapter vice president at Dover Area High School. He was the chapter reporter in '89, and has won Star Greenhand, and Star Chapter Farmer awards. He placed third in creed speaking, and judged at the National meats judging and Eastern States Livestock judging events. His projects include beef finishing, swine finishing, duck finishing, meat processing, citrus committee, and on farm work experience. Mike enjoys riding three-wheeler and collecting miniature farm equipment.

Dale Robert Stoneroad

Laying hens and gardening are projects in which Dale Stoneroad participated. The 17-year-old lives with his mother Roxie Lee Stoneroad in Elizabethville. Dale has earned degrees as Greenhand, Chapter Farmer, and CDP during the past four years as an Upper Dauphin Area FFA member. He plans to work as a mechanic or a carpenter. He enjoys hunting, fishing, and football.

Ron Swan

As vice president of the Wattsburg FFA Chapter, Ron Swan has worked with fruit and leadership projects. The 18-year-old son of Alton and Pauline Phillips, Ron lives in Wattsburg. He enjoys snow mobiling and watching wildlife videos. After graduation from Seneca High School, Ron plans to be a truck mechanic.

Robert Tanner

Leadership positions held by Robert Tanner at the Bucktail FFA include treasurer, vice president, and president. The 18-year-old son of Ward and Dawn Tanner Sr. lives in Smethport and has Star Greenhand and Star Chapter awards. As a member of the Honor Society, Robert has participated in forestry, land judging, and dairy judging, tractor driving, and procedure competition. Robert's projects include beef finishing and farm hand work. He served on the dance committee. Extracurricular activities include 4-H, AARP flower planting, and camp counselor. His hobbies are traveling and reading books. Robert plans to go to college and get a degree in teaching while continuing to work on the farm.

(Turn to Page E6)

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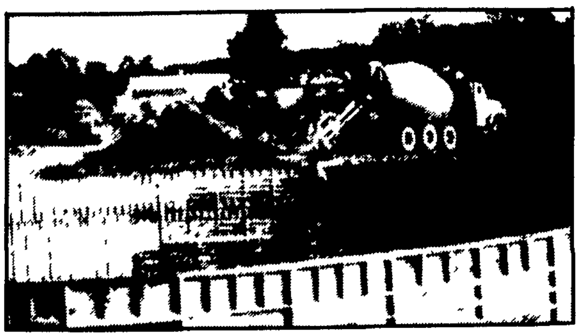

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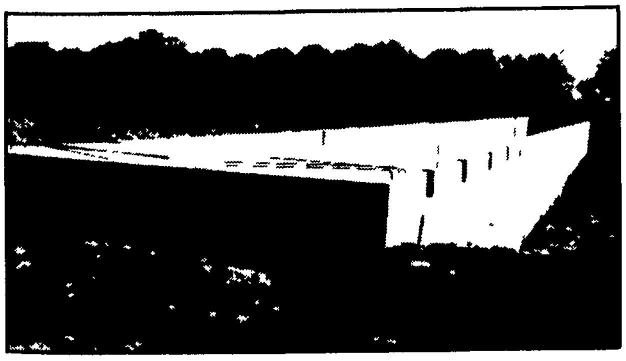

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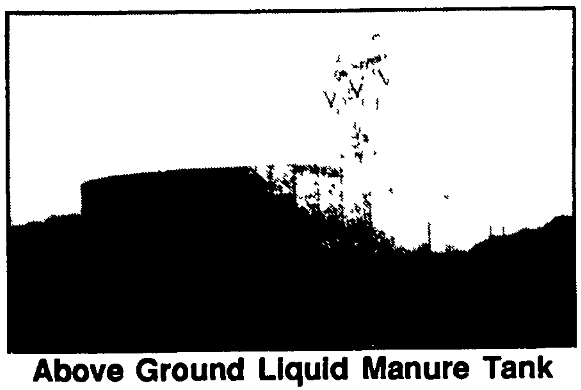

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Coveted Keystone Degree

(Continued from Page E5)

Jan Taylor

Jan Taylor is vice president of Clearfield FFA Chapter. The 17-year-old received leadership awards for serving as treasurer, sentinel, and reporter while earning Greenhand and Chapter Farmer degrees. Jan lives in Goshen with parents, Blaine and Marie Taylor. His activities include beef growing, poultry production, corn production and oats production. He served on the earnings and savings committee, scholarship committee and supervised farming committee. Jan is a member of the the Shawville United Methodist Youth Fellowship. He enjoys hunting, fishing, woodworking, and animals. He plans to major in environmental sciences in college.

Paula Thomas

At Bellwood-Antis FFA Chapter, Paula Thomas concentrated on pleasure horses and rabbit production for her work experience. She received second place in state horse judging and in eastern states horse judging. She plans to become a horse trainer and an emergency medical technician, an interest that stems by her work with the Bellwood ambulance crew. She is historian, placed second in state land judging, received the salesmanship scholarship award, and participates in NHS, SADD, 4-H, saddle club, library club, and environmental club. Paula is the daughter of Debora and Robert Thomas of Tyrone.

Robin Thomas

Chapter and county president, county vice president, county student advisor, and chapter sentinel and chaplain are positions held by Robin Thomas in the Troy FFA Chapter. The 18-year-old daughter of Richard and Virginia Thomas plans to study agricultural business in college. For her FFA projects, Robin has dairy cows, dairy calves, dairy heifers, sheep, horses, and rabbits. She participated in BOAC, work program, citrus sales, leadership, cooperation, public relation and national chapter awards committees. Robin's extracurricular activities include basketball, track, National Honor Society, Letterman's Club and 4-H.

Clifton Treaster

Clifton Treaster plans to take over the family farm and "hopefully marry that special one," he said. The son of Kathryn and Clifford Treaster of Spring Mills received the Star Greenhand and Keystone Chapter degrees in addition to a junior leadership award. Clifton is sentinel for the Penns Valley FFA Chapter. He enjoys showing animals and participating on the livestock judging team. Clifton's projects include beef finishing, market lambs, and market hogs. He has shown horses for Rolling-On-Clydes at the Farm Show. He also shows sheep and cattle and enjoys roping at rodeos.

Lavern Trowbridge

A delegate to the National FFA Convention, Lavern Trowbridge of Sabinsville is active in Cowanesque Valley FFA. His projects include record keeping on dairy heifers and chairman of SOE. He received awards for beef and forage production. He earned Greenhand, Chapter Farmer, and Area Farmer degrees. Lavern also participates in welding and in horticuture club. The son of Virgil and Beverly Trowbridge, Lavern plans to manage a dairy farm. He enjoys hunting, fishing, and working with dairy animals.

Elizabeth K. Ulrich

Elizabeth K. Ulrich includes playing piano on her list of hobbies, but enjoys dairy projects, such as raising and caring for dairy calves and heifers, as part of her FFA activities. A Solanco FFA member for four years, Elizabeth has been involved with various committees, including the Leadership, Conduct of Meetings, and Community Service committees, and serves as chapter president and county president. She has been honored with the Star Chapter Farmer, Greenhand, and Red Rose degrees. She plans to attend a four-year college.

Mary Umbrell

Mary Umbrell's future plans include equine management. A four-year member of the Blue Mountain FFA, Mary has been involved in showing various dairy animals, and has helped with various FFA activities including the BOAC project. She has served as president of her FFA chapter and county FFA president. In addition, Mary has garnered the Greenhand Farmer and Chapter Farm awards. She enjoys working with horses and playing volleyball and softball.

Mike Vannoy

To be a professional horse trainer, and to obtain a trainee's license for the track, forms the future plans for Mike Vannoy, a four-year Red Lion Area FFA member. FFA activities Mike's been involved with include two pleasure horse projects and related work experience. He has been parlimentarian and trasurer of his chapter. Mike won first place for his horse judging team at the Eastern States Exposition and third place two years in a row at the state horse show. He enjoys showing horses and hunting.

Dean Wagner

A four-year member of Oley Valley FFA, Dean Wagner has been chapter FFA chaplain, reporter, and sentinel. Dean received first place in his project book in 1987 for dairy cows, heifers, and corn; first place in 1988 for dairy cows, heifers, corn, and veal calves; and first in 1989 for dairy cows, heifers, corn, veal calves, and dairy bulls. Dean plans to become a dairy farmer, and enjoys hunting.

Steven L. Wagner

After high school graduation, Steven L. Wagner plans to "continue in my own business of fitting dairy cattle," he said. Steven has been involved in various Solanco FFA dairy projects, including one with a dairy herd, but has also been involved in corn silage, hay, oats, clipping, and various work experience projects. He has been honored with the Greenhand, Chapter Farmer, and Red Rose degrees, and has garnered the County Star Red Rose Farmer Award. Steven is a member of the Guernsey, Brown Swiss, and Jersey Cattle associations. He lists hunting as his hobby.

Andy Walter

Reading and going to the movies with friends factor in Andy Walter's plans to attend a two-year college to major in communications. This four-year Middleburg FFA member has been involved in a variety of FFA projects, including poultry, dairy heifer, field corn, work experience (on- and off-farm), and dairy herd. He's been involved with various committes, including the State and National Activities Committee and Officer Nominations and Executive committees. Andy has been honored with the Greenhand, Area, and Chapter degrees. He is 4-H Dairy Club president.

Christopher Walter

A member of West Snyder FFA, Christopher Walter is currently a freshman at Penn State, and plans to graduate with a B.S. in ag science. Christopher has been part of many FFA projects, including beef finishing, and has served on various committees, including the Citrus and Dairy Calf Ring committees. He has been honored with the Greenhand, Chapter, and SUN Area degrees, and received the DeKalb Award. A member of the Parliamentary Procedure Team for three years, Christopher enjoys football, basketball, and racquetball in his spare time.

Jason Walter

Conewago FFA activities Jason Walter has been involved with include Food for America and the Executive Committee. Jason has served as treasurer and president of his chapter. Jason has been awarded Greenhand, Chapter, and County degrees, and was awarded Chapter Star Agribusinessman. Jason plans to attend college to major in conservation, and enjoys fixing his car and collecting baseball cards in his spare time.

J. Darren Watts

After graduating from Delaware Valley College with a degree in dairy science, J. Darren Watts would like to become "a herdsman for a small, high quality Holstein herd." This four-year Blue Ridge FFA veneteran, a student at Waynesboro Senior High, has been involved with various FFA dairy projects, including the Dairy Judging Team and various dairy cow, heifer, and calf projects (including on-farm work). Currently, Darren serves as chapter treasurer and is member of the 4-H and Junior Holstein clubs. He has garnered several awards, including County Ag Salesmanship and Chapter Agri-Businessman in 1990. He enjoys showing dairy cattle and playing basketball.

Keith Weimer

Engineering or accounting will occupy the Penn State University time of four-year Rockwood FFA member Keith Weimer. Keith has served as county vice president, chapter vice president, and chapter president. He has been honored with the Chapter Farmer and Greenhand degrees, and been a 1990 REC Youth Tour representative. Keith has been

(Turn to Page E8)

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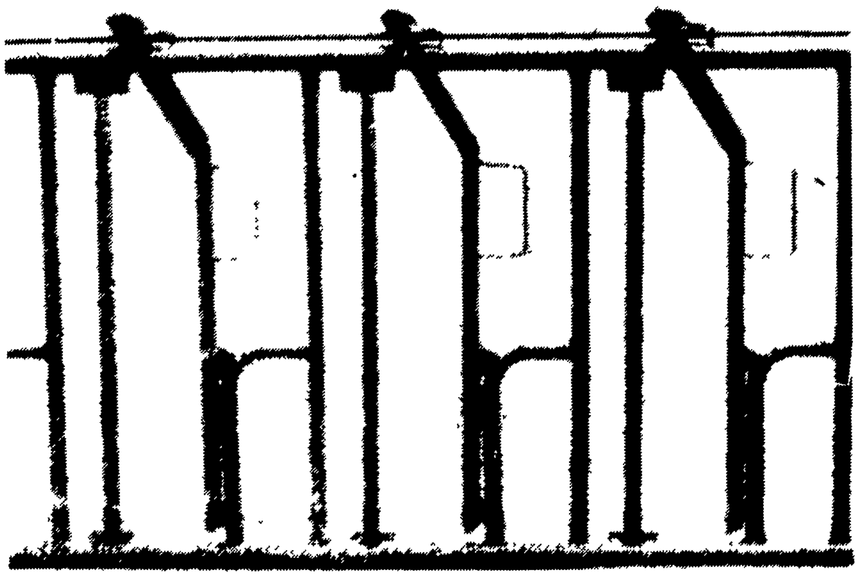

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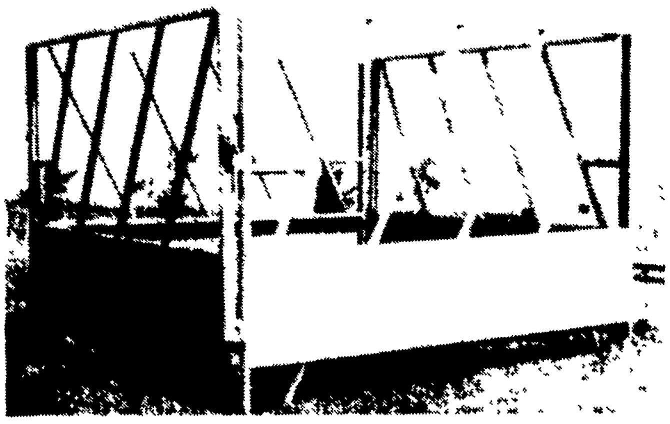

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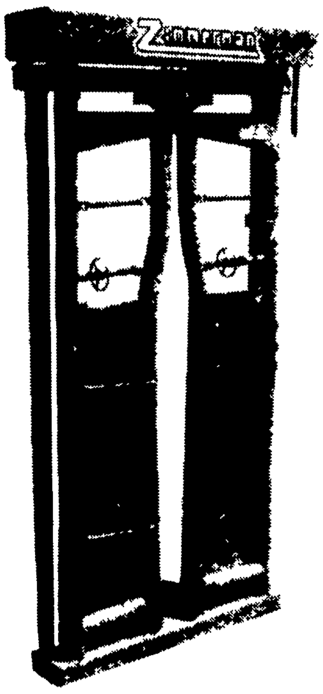

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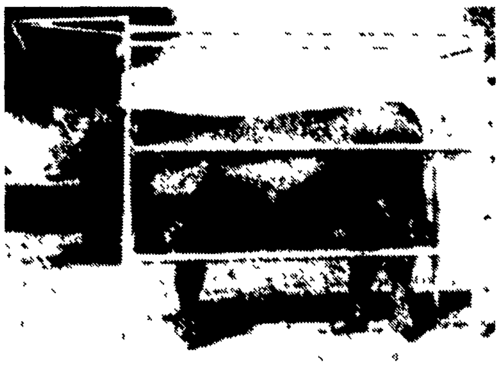

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(Continued from Page E6)

involved with the Parliamentary Procedure Team, County Leadership Conference, Penn State University Fall Leadership Conference, and with the flower bulb and citrus sale. He enjoys baseball, chess, and belongs to the Model Railroad Club.

Mary Werner

A Pennsylvania Fist Alternate Dairy Princess and the Beaver-Lawrence Dairy Princess, Mary Werner has been part of a wide range of activities for the Mohawk FFA, including square dance, Banquet Committee, Citrus Committee, Spring Contest, Food for America, FFA Week, Mid-Winter Convention, Farm Science Review, parliamentary procedure, and extemporanous speaking. Vice president of her chapter, Mary has been honored with the Greenhand and Chapter Farmer degrees, in addition to bronze, silver, and gold project awards. In the future, she said she would like be become a "farmer/child psychologist." Her hobbies include singing and playing guitar.

Michael S. Williams

College and then law school figure in on the future plans of Michael S. Williams, a four-year Bellwood-Artis FFA member. He has been involved in various FFA activities, including home garden, construction, and recreational projects. Michael has been honored with the Greenhand and Chapter Farmer degrees, and enjoys bicycling and hunting.

Nichole M. Willwert

Someday, Nichole M. Willwert would like to own a productive beef and crop farm, she said. Nichole has been involved in various beef finishing projects at the Red Lion FFA, in addition to serving on various pleasure horse, citrus, seed, calendar, and banquet committees. She was president of the chapter and served as York County president (1989-1990). Nichole has picked up various awards, including the Greenhand, Chapter Farmer, and White Rose degrees, and the Michael Spangler Award, Horse Proficiency Award, and a bronze award for bookkeeping. She serves on the York Co. 4-H Beef Club and the Horse-N-Around 4-H Club. In her spare time, Nichole enjoys horseback riding, showing cattle, horses, and hunting.

Marcy Wolf

Marcy Wolf will decide, in the future, into going into a career based on either agriculture "and/or paramedic," she said. A four-year Applce City FFA member, Marcy has been a part of various FFA activities, including the Penn State Freshman Conference, and related earnings, savings, investments, and AY leadership conferences. She also has been involved with various committees, including Conduct of Meeting, and tree fruit, beef finishing, pleasure horse, and lifeguarding projects. She served two years as reporter, and has been chapter president and county FFA representative. Marcy has been honored with the Greenhand, Chapter, and County degree, and won a Tree Fruit Proficiency Award. She enjoys horseback riding, four-wheeling, sports, and "taking care of the animals," she said.

Michael Yakamook

A career in farming features in the plans of Michael Yakamook. Michael is employed by Wright's Logging in Beaver Springs, and is a four-year member of the West Snyder FFA Chapter. He lists beef finishing and various on- and off-farm work experience for FFA activities. He's been chairman of the Crops Committee and has participated in the SUN Area Forestry Contest. Michael enjoys playing junior varsity basketball.

Margaret Lynn Yarmush

Attending college and majoring in English to be an English teacher are the plans of Margaret Lynn Yarmush, a three-year member of Twin Valley FFA. Margaret has been involved with various committees and projects, including BOAC, Food for America, State Legislative Leadership Conference, Fall Leadership Conference, Berks Co. Leadership Conference, and Food for America Committee. She has been honored with the Star Greenhand degree. In addition, Margaret has placed in various contest, including state record book, county chapter, county Greenhand, county creed speaking, dairy judging, and other contests. She has been chapter reporter and county junior advisor, and enjoys writing poetry, reading, and involvement with recycling and environmental action projects.

Christine Young

Touring the United States and showing cows for a year, and then attending college to be a veterinarian technician, figure in the plans for Christine Young. Christine, 18, a three-year member of Big Spring FFA, has worked on various dairy-related FFA projects, including dairy herd, dairy judging, dairy bowl, and serves on the Cumberland County Dairy 4-H Club. Christine has served on many

(Turn to Page E9)

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GATT

WHAT: A conference in the implications of the General Agreement on Tariffs and Trade on the Northeast Farmer.

WHEN: Friday, January 25, 1991 from 10:00 a.m. to 4:00 p.m.

WHERE: Towanda, Pennsylvania, Wysox Fire Co. Hall.

WHO: *Mr. Sam Brownback, Executive Assistant to the Deputy Trade Representative, U.S. Trade Representative Office, Washington, D.C.
* Mr. Peter Vitaliano, National Milk Producer Federation Lobbyist, Arlington, VA.
* Mr. Steve Kerr, Executive Director, Council of Northeast Cooperatives, Burlington, VT.
* Mr. Mark Richie, Executive Director, Council on Free Trade, Minneapolis, MN
* Mr. Paul Drazek, AFBF Trade Specialist, Washington, D.C.
* Mr. Keith Eckel, President, PFA

HOW: Sponsored by Bradford-Sullivan Farmers' Association, Eastern Milk Producers, Dairylea Cooperative, Atlantic Milk Coop.

WHY: A conference designed to answer some of the questions that have arisen concerning the effects of the proposed agreement on regional farmers. Federal, State and local leaders, farmers, and the general public are the primary targets of this meeting.

Reservations required. $5.00 fee for a.m. coffee, luncheon: reservations to "Gatt" POB 127, Monroeton, Pa. 18832 by January 15th. For more information call 717-265-6951. (Frank Bertrand). Conference FREE to Eastern, Dairylea, Atlantic and Bradford-Sullivan Farmers' Association Members.

In case of Blizzard, Conference will be held following Friday.

In case of reopening of the GATT talks in Europe prior to conference, information will be forwarded as to status of meeting.

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EASTERN MILK PRODUCERS COOPERATIVE ASSOCIATION INC
adc Atlantic Dairy Cooperative
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Coveted Keystone Degree

(Continued from Page E8)

other FFA committees, including citrus sale, float, BOAC, community service, scholarship, Food for America, FFA Week, and is co-chair and chair of the Penn Relief Fund, Public Relations, and News Reporter committees. She has been honored with the Greenhand, Chapter Farmer, and Area degrees, and won the Dairy Proficiency Award for the last three years at the chapter level. She also received grand champion honors at the South Central District Show the past two years. She also belongs to the Bonny Brook Riding Club, Blue Mountain Trail Blazers, and is a member of the American Milking Shorthorn Society. Christine enjoys showing cows, riding horses, and rodeo.

Jay R. Young

After graduation from high school, according to Jay R. Young, he plans to stay on the farm and would like to own and operate a farm. This four-year Solanco FFA member has been a part of on-farm work experience, steer, and dairy heifer projects. Jay was honored with the Greenhand, Chapter, and Red Rose degrees, and was a member of the first place team in ag mechanics at Eastern States Exposition. In his spare time, Jay enjoys working on trucks and rebuilding engines and transmissions.

Kenworth Zieber

To finish up with a degree in ag science forms the future of Penn State freshman Kenworth Zieber, a four-year veteran of West Snyder FFA. Kenworth has been involved with various beef finishing, lamb marketing, and work experience projects. He has also served on various committees, including points and float. Kenworth has been honored with the Star Greenhand Degree, the Public Speaking Proficiency Award, the Vo-Ag Dept. Senior Vo-Ag Student Award, and a scholarship award. He also served as chapter student advisor for two years, assistant advisor for one year, and secretary for a year. Kenworth enjoys fishing, bowling, reading, and racquetball.

Carla A. Zimmerman

Majoring in psychology with a minor in dairy science as future plans, according to Carla A. Zimmerman, figure in her future. A four-year member of Conococheague FFA, Carla has been involved with various FFA committees, including Alumni, Public Relations, Citrus, Project, Scholarship, and Parade. She has picked up various awards, including Greenhand, Chapter, and Franklin County degrees. She has been involved in various dairy herd and work experience in agribusiness projects. In addition, Carla has been chapter secretary, vice president, and county secretary.

(Turn to Page E10)

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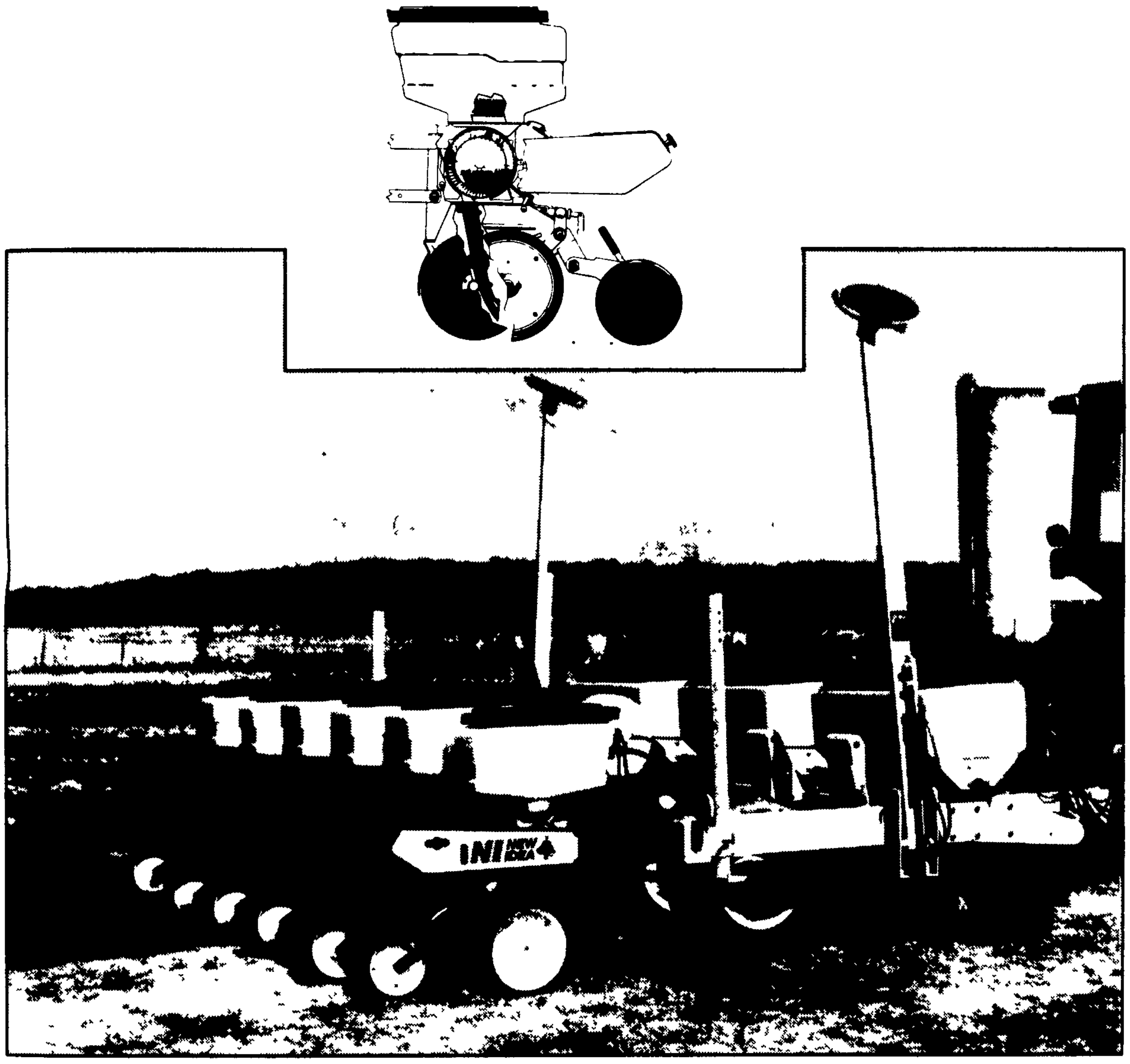

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Tines vibrate to shatter the crust, uproot, and throw out weeds to die, often eliminating herbicide use altogether. Where herbicides are used, however, the tines push them deep into the root zone for better weed kill, providing the opportunity to reduce application rates significantly. Yetter row crop cultivators operate better at high speeds, cover more acres per day, and work more soil with crop matching adjustments. Cultivators are available in 4-, 6-, and 8-row wide and narrow rigid frame models plus 6-row wide, 8- and 12-row narrow and wide, 16-row narrow folding models. All feature high clearance, toolbars to accommodate tall crops.

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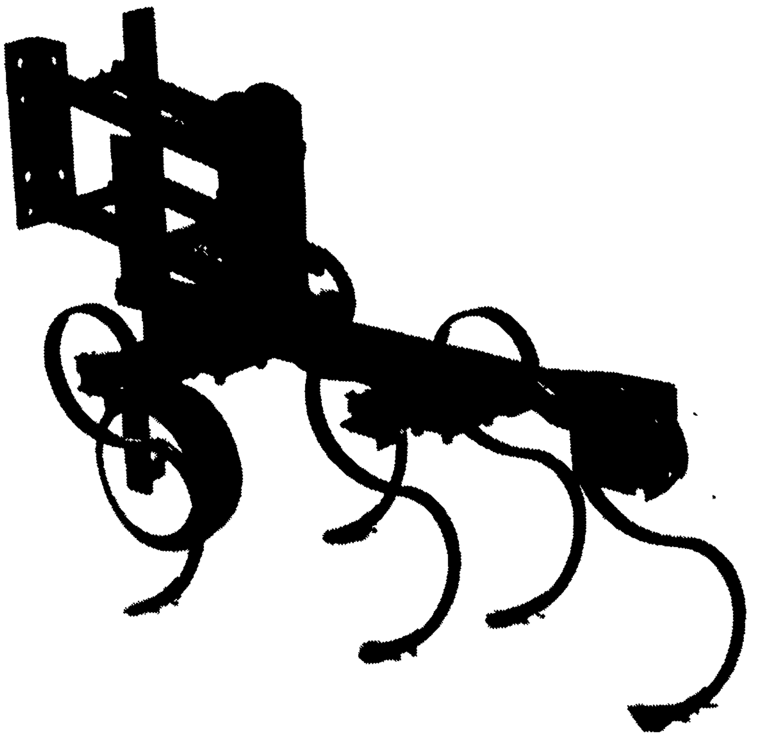
For information contact Yetter Mfg. Co., Colchester, IL 62326-0358, (800) 447-5777; in Illinois, (309) 776-4111.



Yetter 4000 Series rigid and 4100 Series folding Danish tine row crop cultivators are available in 4-, 6-, and 8-row and narrow rigid frame models plus 6-row wide, 8- and 12-row narrow and wide, and 16-row narrow folding models.

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(Continued from Page E9)

Chris Zimmerman

With plans to be an ag engineering major at Penn State, Chris Zimmerman has been involved with various projects and committees while a member of the Grassland FFA. These include dairy heifer and market hog projects. Chris was chairman of the ESI Committee, served on the Recreation and Conduct of Meetings committees, and was a member of the Parliamentary Procedure Team. Chris has garnered awards and recognition in terms of the Greenhand Degree, Chapter Degree, and Red Rose Degree, in addition to a Dairy Proficiency Award. He was chapter treasurer in 1989-1990. Chris enjoys playing football, baseball, and ice hockey.

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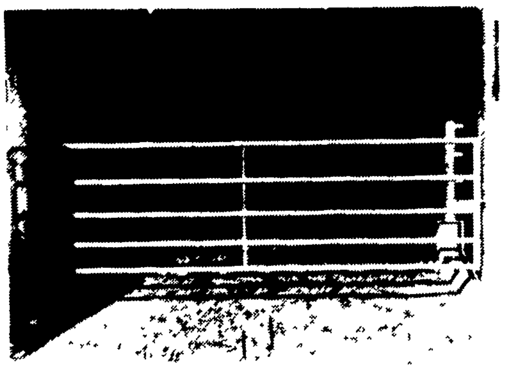

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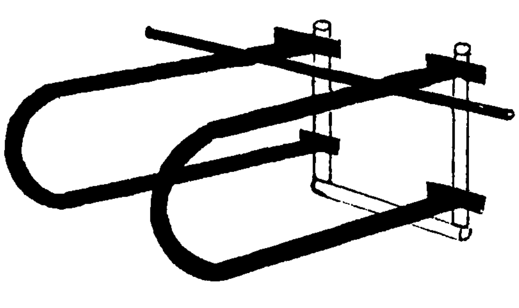

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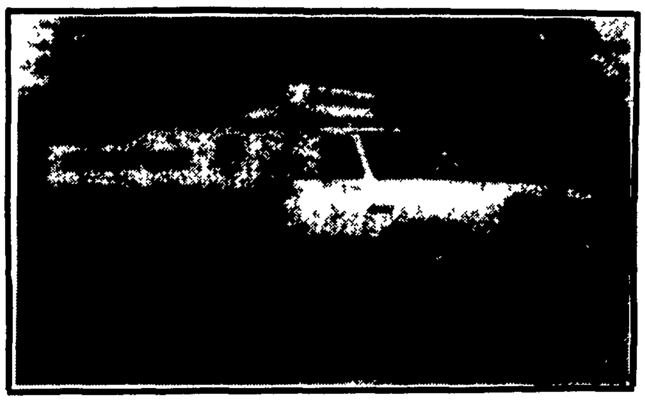

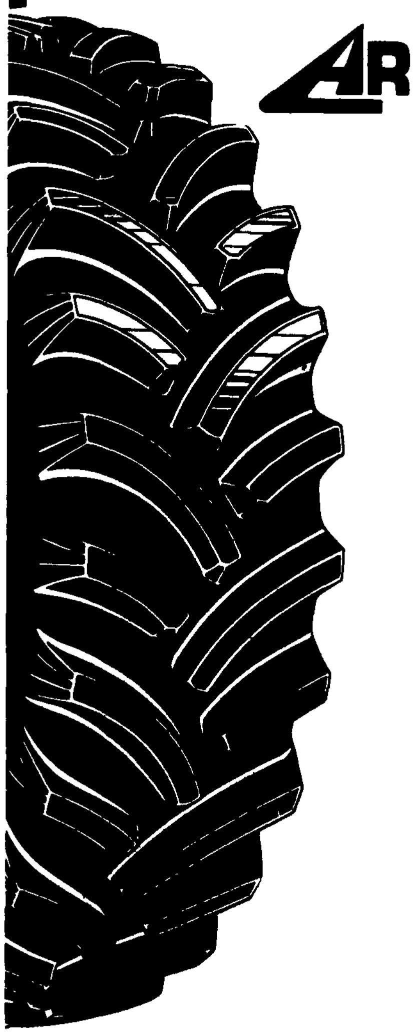

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Manage Stored Grain To Insure High Returns

DEKALB, Ill.— Once grain goes into storage, farmers need to do more than just let it sit. They need to check it throughout the winter for mold, insects, and other problems.

DEKALB Plant Genetics regional agronomist Larry Martin said a lapse in storage management can lead to costly grain deterioration, market discounts, and reduced feeding value.

"Farmers should check the stored grain approximately every two weeks or even more frequently especially if air temperatures begin to warm above 40 degrees to avoid mold and insect damage," he said.

In addition, farmers should probe all parts of the grain mass. Record the observations on a diagram of the bin, Martin said.

Mold and insects can be controlled by keeping grain cool and dry during storage.

"Good grain storage begins with harvesting and handling equipment," Martin said. "Mold and insect growth can be reduced if growers minimize grain cracking and damage and try to do a good job of cleaning the grain during harvest and the elevation process to the storage bin."

Martin also said that farmers should dry the grain quickly -- within 48 hours after harvest if possible.

He reminds growers to regularly check the moisture content and temperatures of grain in storage.

"New grain coming into the bin should be cooled down to 40 degrees or cooler if it is going to be in storage for long periods," he said. "And the moisture within the grain should be lowered to 13 percent or less."

Brown adds that bin aeration is helpful to keep grain cool and dry, but systems must be properly designed and maintained to ensure uniform movement of air through the grain mass.

Martin said other factors that should be monitored each time farmers inspect stored grain include the following:

- Temperature of the grain mass.
- Moisture content of the grain mass.
- Physical presence of insects or evidence of insect feeding.
- Physical evidence of mold development.
- Musty or other unusual odors around the bin.

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New DPI Officers, Directors Take Office

GEORGETOWN, Del. — The start of a new year means new officers and directors for the 4,000-member trade association working for Delmarva's more than $1 billion a year poultry industry, Delmarva Poultry Industry, Inc. (DPI).

A Salisbury, Maryland feed grain businessman, Alden H. Balfany is the 1991 DPI president.

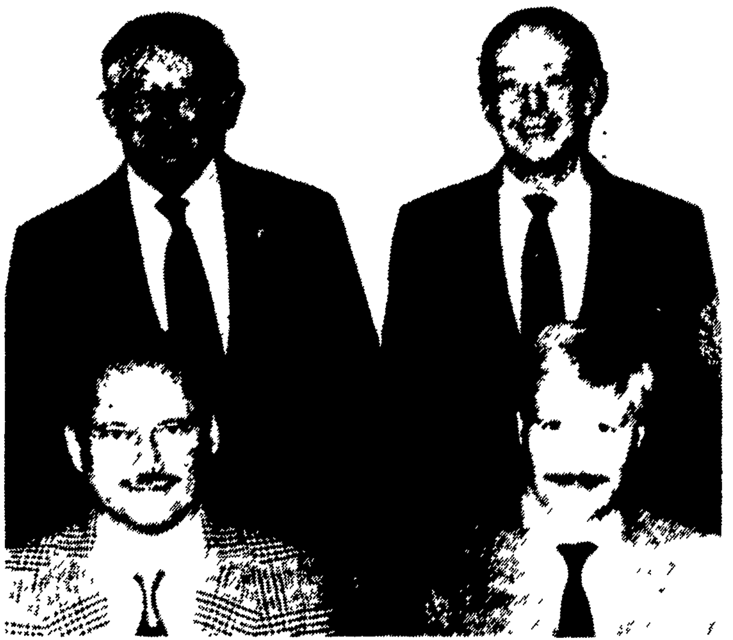
Balfany is president of Central Grain, Inc., a grain broker with several elevators on the Delmarva Peninsula. A DPI director since 1984, Belfany chaired DPI's record-breaking 1990 fund drive.

DPI's 1991 first vice president is Dr. G. Thomas Holder of Salisbury, director of avian health for Allen's Hatchery, Inc., Seaford, Delaware. Holder has been active in DPI for many years, serving as chairman of the Poultry Health Committee from 1980-1987 and most recently as DPI second vice president.

The new second vice president is Larry K. Winslow, also of Salisbury. He is vice president, fresh poultry operations, Perdue Farms, Inc.

Belfany, Holder, and Winslow join immediate past President Harry J. Mitchell of Berlin, Maryland as DPI officers for 1991. Their leadership will guide DPI on its many projects to help Delmarva's poultry industry.

Several new members will join the board of directors January 1, 1991. They are Charles Carpenter, complex manager, Perdue,Inc., Accomac, Va.; Paul Clifford, a breeder grower from Atlantic, Va.; Dr. J. David French, vice president, Townsends, Inc.; Millsboro, Del.; Dr. Spangler Klopp, director, technical services, Intervet, Millsboro, Del.; Dr. Fraulene McKnight, grow-out-manager, ConAgra Poultry Co., Hurlock, Md.; James Perdue, vice chairman, Perdue Farms, Inc., Salisbury, Md.; and James Shelton, broiler grower, Parsonsburg,



The 4,000-member trade association working for the Delmarva Peninsula's poultry industry has new officers for 1991. The new leaders of Delmarva Poultry Industry, Inc. (DPI) are seated, left to right, president - Alden H. Balfany, president, Central Grain, Inc., Salisbury, Md. and second vice president - Larry K. Winslow, vice president, fresh poultry operations, Perdue Farms, Inc., Salisbury, Md. Standing, left to right, immediate past president- Harry J. Mitchell, president, Mithcell Farm, Inc., Berlin, Md. and first vice president - Dr. G. Thomas Holder, director of avian health, Allen's Hatchery, Inc., Seaford, Del.

Consumer Waste Management At Farm Show

HARRISBURG (Dauphin Co.) — The relationship between consumer purchasing decisions and waste reduction and recycling will be demonstrated as part of Penn State's exhibit at the 75th annual Pennsylvania Farm Show in Harrisburg, January 6-11, 1991.

"More than 50 percent of the public waste stream consists of paper products and yard waste, both of which are recyclable," said Guy Temple, professor of cooperative extension and area extension agent in Union County.

Consumers can do more than recycle cans and bottles, said Temple. He hopes to show Farm Show visitors other methods of reducing solid waste to alleviate the tremendous strains placed on current and proposed landfills.

"Each day, Pennsylvanians generate about five pounds of waste per person," said Temple. "A staggering amount of this waste could be eliminated through more informed purchasing decisions."

Penn State faculty and staff will be on hand daily to answer questions about solid waste disposal and recycling. Participants also will have the opportunity to learn more about the use of newspaper waste for animal bedding.

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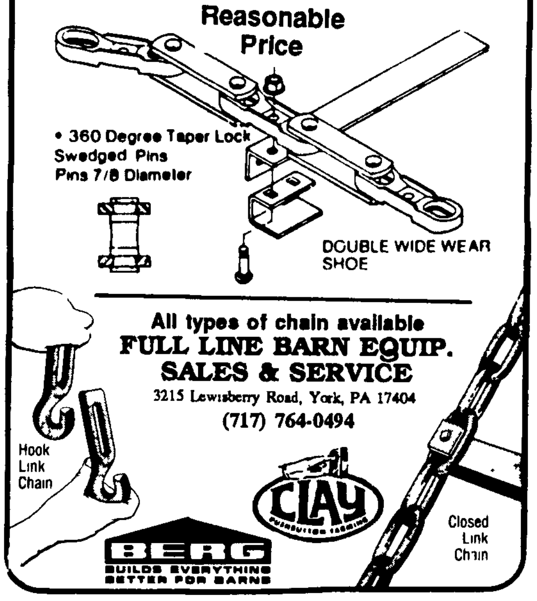

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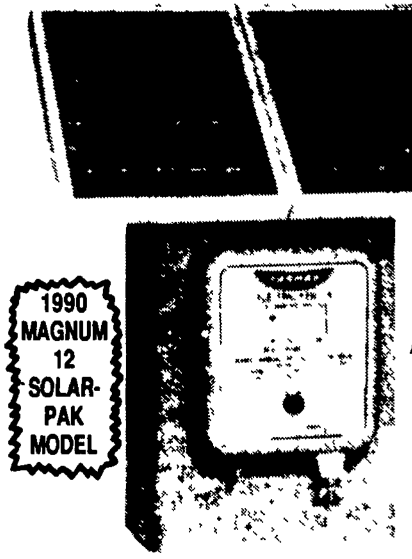

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New wider Super Sweep windrow pickup heads for New Holland tractor-powered forage harvesters handle large windrows, double windrows, or unraked crops. Closely spaced, curved lines put more of the crop into the harvester.

NEW HOLLAND (Lancaster Co.)— New wider, Super-Sweep windrow pickup heads for New Holland pull-type forage harvesters are more effective in uneven or malformed windrows and simplify crop pickup in field corners and on headlands. Increased width makes it easier to gather doubled or converged windrows.

The new Model 890W windrow pickup is designed for the Model 790 harvester built for tractors of up to 150 horsepower. A full seven feet wide, the 890W has 84 closely spaced curved tines for large windrows or unraked crops.

The Model 990W pickup head fits Model 900 Ford New Holland harvesters designed for tractors of up to 210 horsepower. The new 990W head is seven and one half feet wide with 120 closely spaced curved tines.

Liek the 890W, it features open end side sheet design. The new designs help simplify haylage harvest and boost capacity, according to John Oehler, Ford New Holland product manager for forage equipment.

Coupled to a large tractor, the Model 900 harvester has ample capacity for large double windrows in heavy crops.

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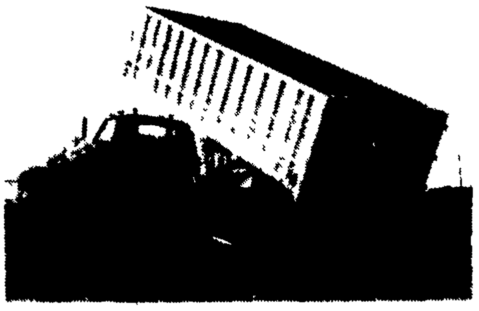

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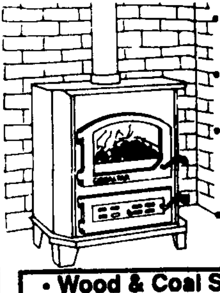

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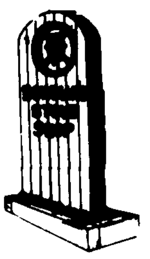

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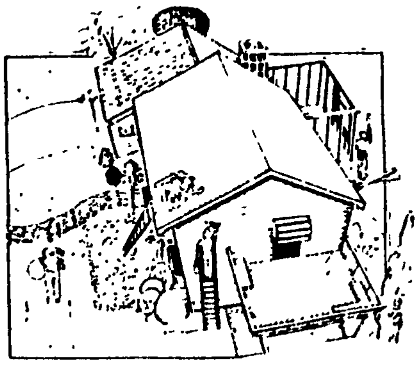

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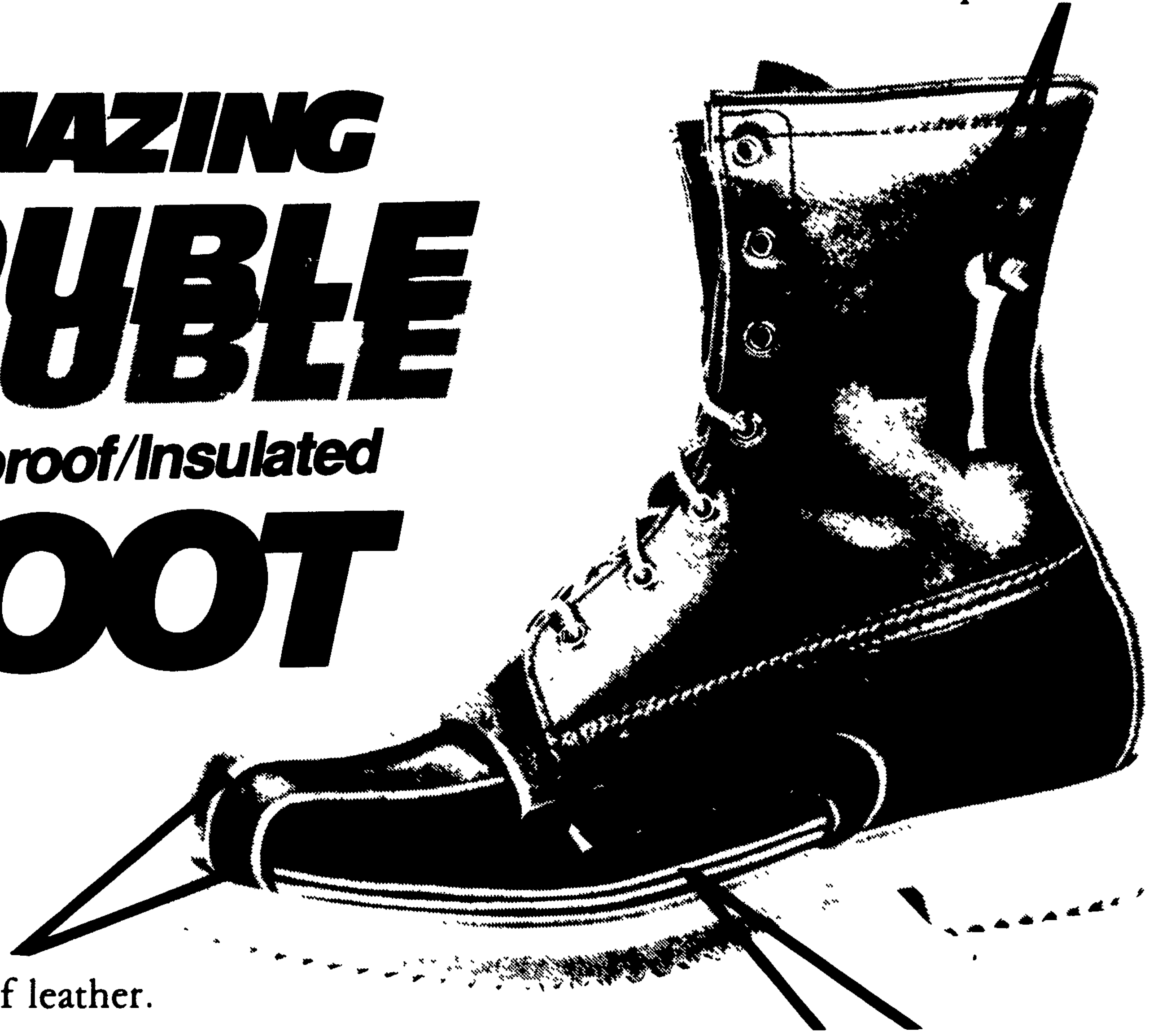

Two layers
of waterproof leather.

Unique double insole construction.

Whether you wear 'em to work or take to the field in search of game, Red Wing's amazing double boots are tough enough to serve double duty in any weather.

Red Wing's double boot is uniquely constructed of two layers of waterproof leather that forms a "Boot within-a Boot" to keep your feet dry.

The quilted Cambrelle®, Thinsulate® lining creates an insulating barrier that keeps cold at a distance letting you go the distance in comfort, with warm, dry feet on Red Wing's famous SuperSoles.

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Red Wing Shoe Store
1031 Union Blvd.
215-432-6455

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Shoemaker's Sporting Goods
763 S. Second St.
717-263-4124

DALLASTOWN
Contino Shoe Store
37 W. Main St.
717-244-3105

GETTYSBURG
Bennie's Shoe Repair
150 Carlisle St.
717-334-0479

HANOVER
Red Wing Shoe Store
1010 Eichelberger St.
Stone Gate Square
717-633-7799

HONEY BROOK
Brandywine Shoe Shop
Box 156 Rt. 2

HUGHESVILLE
Marks Shoe & Repair
22 South Main
717-584-2616

KUTZTOWN
Waynes Dry Goods
271-273 W. Main St.
215-683-7686

LANCASTER
Reed's Shoe Store
1720 Columbia Ave.
717-299-2475

LEBANON
Martin's Sports Center
20 S. 8th St.
717-273-5665

MADISONBURG
Fisher Harness & Shoe Shop
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Small Farms Can Use Round Baler

CAROL STREAM, Ill. — Hesston Corporation recently introduced the Model 540 round baler for small to medium size farming operations.

It provides the option of round bales without the necessity of a large tractor. The Model 540 round baler can be operated with 45 PTO horsepower at 540 rpm.

Built for ease of operation and reliability, the open-throat direct feeding design assures no-problem, fast bale starts. An equal angle drive line allows for sharp cornering and excellent maneuverability.

The low profile 44.17-inch pickup positioned near the main wheels eliminates the need for additional gauge wheels. To fully capture the crop, tines are a close 2.6 inches apart.

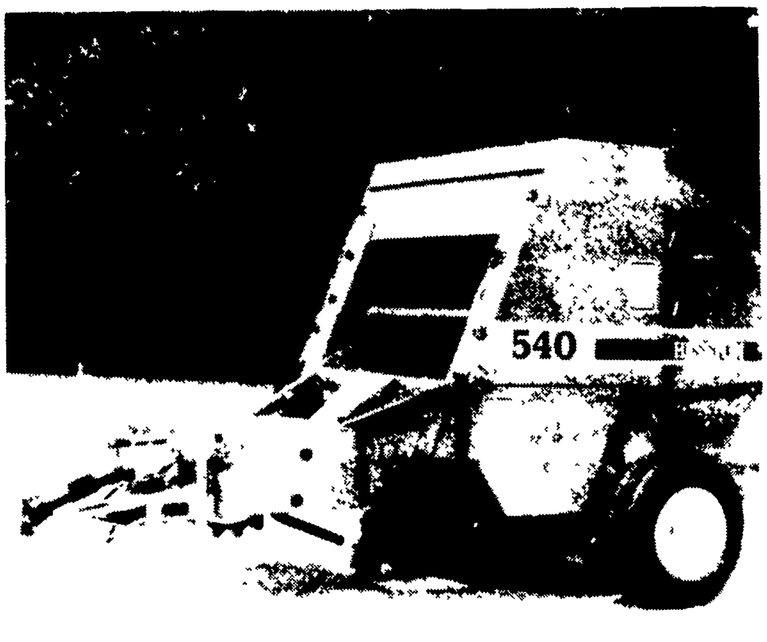
Six 7-inch Chevron tread belts further minimize crop loss by providing more than 90 percent belt coverage. Hydraulically controlled dual tension arms maintain constant belt tension and bale density from core to outside.

Bale size can be adjusted from 30 inches to 51 inches in diameter. Bale width is 47 inches. Capacity is 8 tons to 12 tons per hour depending on the crop and moisture conditions with bales weighing up to 1,000 pounds.

An electric alarm on a tractor mounted control box alerts the operator of a full bale. A light on the control box indicates when the tail gate is in its positive lock position.

Other standard features on the Model 540 Round Baler include hydraulic bale tensioning, twine arm protection, four ball twine box, bale size indicator, and bale counter.

For more information, contact Hesston, 245 East North Avenue, Carol Stream, IL 60188.



Hesston Model 540 round baler provides the option of round bales without the necessity of a large tractor. Built for ease of operation and reliability, the open-throat direct feeding design assures no-problem, fast bale starts.

Data Bank Discontinued

BELTSVILLE, Md.— On November 1, 1990, activities of the Feed Composition Data Bank (FCDB), located at the National Agricultural Library (NAL), were definitely suspended.

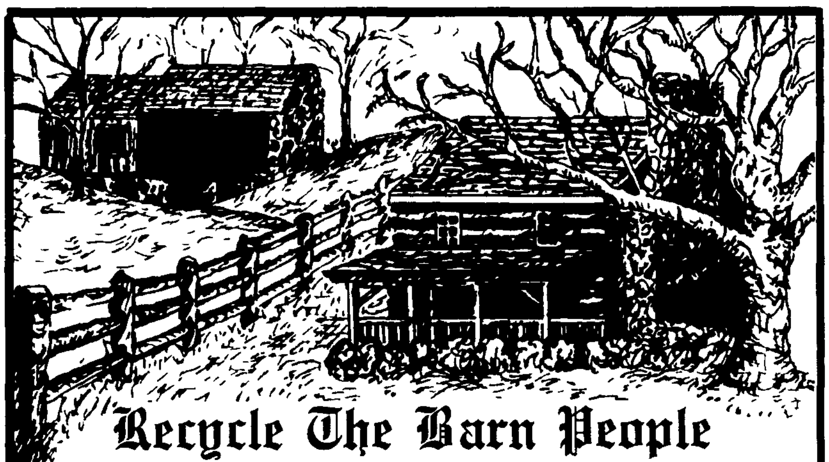
Because of funding constraints, NAL is unable to provide adequate resources to support FCDB in the foreseeable future.

FCDB contains nutrient data on more than 23,000 feed and feed ingredients, and has been located at NAL since 1986.

"We deeply regret having to take such drastic measures," said Gary McCone, head of NAL's database administration branch. "But we have reached a point where it is not possible to produce a reliable product with the limited resources we have."

NAL plans to continue to maintain the related International Feed Number and International Feed Nomenclature files pending discussions with the International Network of Feed Information Centres (INFIC) about alternatives.

NAL will provide a machine-readable copy of FCDB, its associated computer programs, and system documentation to anyone interested in taking over the operation of the database. Contact Gary McCone at (301) 344-3813 for details.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Grain Drying and Storage Bins, Wet Tanks, Super Structures, Drying And Aeration Fans, Feed Tanks, Augers.
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Sweet Bucket Elevators Drag Conveyors
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HONEYVILLE Bucket Elevators
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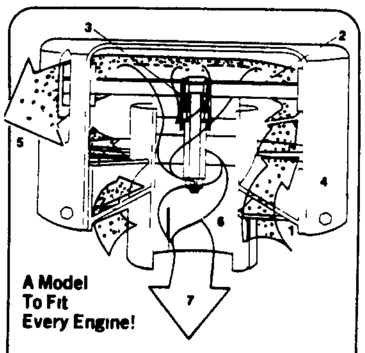
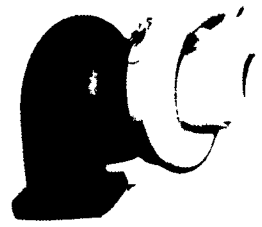
engingire PRECLEANERS



A Model To Fit Every Engine!

Free engine intake air power drives the unique Enginaire Precleaner The angled louvered plates (1) direct the intake air flow to turn the stainless steel rotor (2) which is mounted on dual oversized heavy-duty bearings (3) up to 5000 RPM This causes centrifugal force and intake compression around the inside perimeter of the highly polished aluminum hood (4) to expel heavier air contaminants out through the discharge port (5) Clean dry air is drawn into the plenum chamber (6) and then into the engine (7)

Keeps Snow Out Of Air Cleaner!



FPPF

FPPF FUEL ADDITIVES

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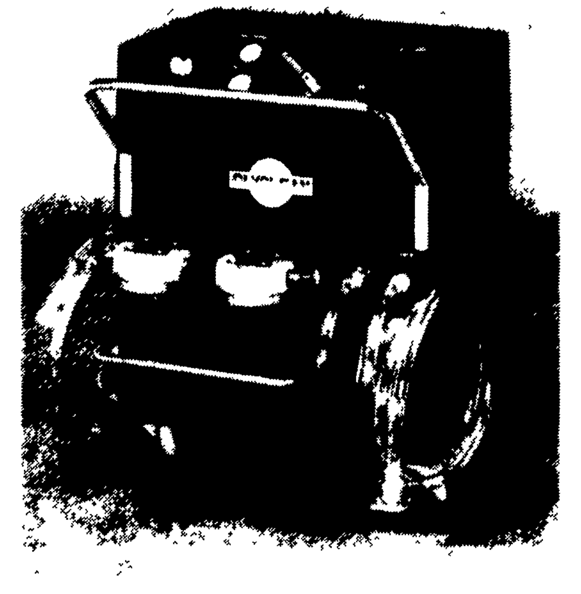
FPPF

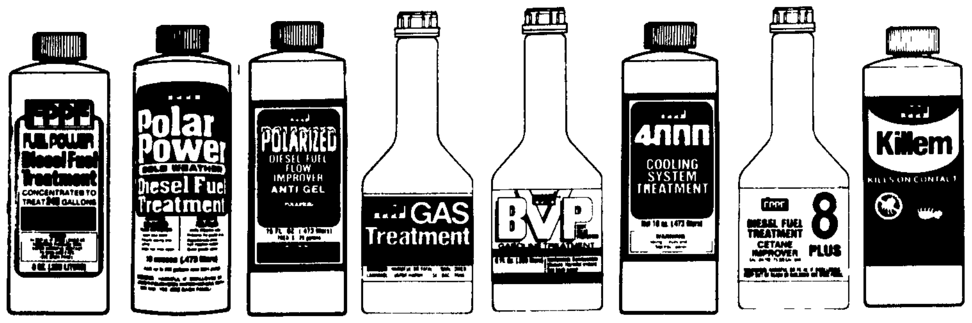
See This Unit At The Farm Show!

FPPF™ GLYCLEAN

ANTI-FREEZE RECYCLING SYSTEM



ANTI-FREEZE RECYCLING —	FPPF PORTABLE "GLYCLEAN"ANTI-FREEZE RECYCLING SYSTEM — Recycles anti-freeze to better than new condition directly within the vehicle cooling system. Cleans, flushes and pressure tests entire system. Reduces hazardous waste disposal problems.


FPPF FUEL POWER Diesel Fuel Treatment
CONCENTRATED TO TREAT 240 GALLONS
Polar Power COLD WEATHER Diesel Fuel Treatment
POLARIZED
DIESEL FUEL FLOW IMPROVER ANTI GEL
GAS Treatment
BVP
4000
COOLING SYSTEM TREATMENT
FPPF
DIESEL FUEL TREATMENT CETANE IMPROVER
8 PLUS
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KILLS ON CONTACT

FUEL POWER —	Diesel fuel treatment—YEAR ROUND USE, totally disperses water, prevents growth of algae, decarbonizes injection system, increases power. 8 oz. treats 240 gallons.
POLAR POWER —	Diesel fuel treatment — COLD WEATHER USE, lowers pour point, prevents waxing & gelling, totally disperses water, prevents growth of algae, decarbonizes injection system, increases power. 8 oz. treats 60 gallons.
POLARIZED —	Diesel fuel flow improver — COLD WEATHER USE, lowers pour point, prevents waxing & gelling, keeps fuel line open.
GAS TREATMENT —	Gasoline treatment — totally disperses water, helps eliminate rough idle & pre-ignition hestitation.
FUEL INJECTION CLEANER —	Gasoline treatment — reduces carburetor & fuel injector deposits, prevents rusting & corrosion, reduces PCV system deposits.
BVP —"LEAD ALTERNATIVE" —	Gasoline Treatment — effective protection against valve seat recession for all gasoline engines, cleans carburetor & fuel injectors, increases fuel economy.
FPPF 4000 —	Cooling system treatment — protects all metals in system, removes mineral scale build up, improves efficiency & extends engine life.
CETANE IMPROVER —	Diesel fuel starting aid — raises cetane an ave. of 4 to 8 numbers, easier cold weather starting.
KILLEM —	Diesel fuel treatment — kills bacteria, fungi, algae on contact. Recommended for storage tanks, 100% active oil soluble.

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Chester Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

BREED CODES:

1	Ayrshire
2	Guernsey
3	Holstein
4	Jersey
5	Brown Swiss
8	More Than One Breed
G	Grade
B	Grade and Registered

October 1990

The cow with high fat was owned by Chris and Ches Stoltzfus. The cow with high milk was owned by Sam and Marion Stoltzfus.

Rolling Herd Averages

Name	Breed	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Star Point Holsteins	B3	57.5	87.2	22,259	730	718
Sam Marian Stoltzfus	B3	36.8	86.1	21,827	708	701
H&R Mason	3	141.8	89.5	23,020	877	697
Timothy Barlow	3	93.6	88.9	22,099	802	692
Dunwood Farm	3	57.6	87.2	21,486	842	687
Ken+Marilyn Umble	3	62.0	88.8	21,495	792	683
Arthur+Duane Hershey	3	66.5	86.7	21,489	752	683
Robert A Miller	B3	40.9	88.7	21,103	774	673
Dale Hostetter	3	53.1	88.9	21,341	803	666
Richard Hoover	3	61.7	90.0	20,304	736	664
Joseph Lusby	3	59.3	84.7	20,503	761	658
Chris& Ches Stoltzfus	3	55.1	89.2	20,498	788	655
Mark&Melody Stoltzfus	B3	59.3	85.8	20,585	748	652
Joy-Wil Farms	3	136.9	83.8	19,597	722	646
Vernon Guest + Sons	B3	98.1	89.8	19,785	770	644
David F King	B3	57.1	86.6	20,137	728	642
Richard Hostetter	3	39.8	85.9	20,570	757	641
David K Stoltzfus	B3	44.9	89.2	20,369	735	641
Paul Martin	B3	63.9	86.1	20,023	741	640
Adrossan Farms	1	126.5	86.5	19,040	781	640
John S Stoltzfus	3	73.8	86.7	19,908	773	638
Herman Stoltzfus	3	50.1	88.4	20,004	763	638
Daniel M Stoltzfus	B3	46.4	84.1	19,863	729	636
Star Point Jerseys	4	32.1	90.0	17,186	750	636
Roy+Ruth Ann Bender	B3	59.9	85.0	19,970	716	631
John K Kauffman	B3	35.5	87.5	20,294	742	630
Amos J Stoltzfus	3	49.2	86.6	20,058	726	628
Pei-Valley Farm	3	91.2	88.3	19,131	759	628
Floyd Miller & Sons	B3	77.3	84.2	19,700	714	625
Amos K Kauffman	3	43.3	87.2	20,195	712	624
Merle J King	B3	101.7	86.6	19,636	707	623
Edwin + Gale Mast	3	39.6	86.5	18,835	671	621
Beck-A-De Farm	3	93.7	80.9	19,460	691	619
Gerald L Kulp	B3	87.7	87.3	18,866	641	617
Martin Weaver Jr.	3	36.7	87.5	19,332	686	615
David & Dawn Windle	3	50.6	86.0	19,670	762	607
Russ Hill Farm	B3	85.5	89.7	18,770	692	604
J Harold Bare	3	80.7	84.5	18,981	723	602
New Bolton Ctr Unit 4	B3	43.6	86.0	20,117	701	602
William L Stoltzfus	3	51.8	87.2	18,706	731	601
Mrs John B Hannom 3D	B3	111.1	90.0	17,853	669	601
David Bartram	B3	124.0	88.1	19,328	708	601
Leon D Kurtz	3	47.1	80.2	19,107	665	600
Maplesway Farm	3	69.0	90.4	19,311	722	600
Benjamin K Kauffman	3	45.7	90.7	19,383	698	600
Donald M Horning	B3	59.3	86.6	19,321	665	599
J Elmer Lapp	3	38.6	87.7	18,987	673	599
Charles J Moore	B3	47.3	86.1	18,936	650	597
Harold & Glenn Ranck	3	61.8	86.1	18,933	708	595
Daniel + Annie Stoltzfus	B3	38.4	83.6	18,337	689	595
Elam R Glick	B3	44.0	83.8	19,140	682	594
Kevin Stahlnecker	B8	48.6	86.4	18,134	725	593
John P Kauffman	B3	42.9	87.8	19,326	709	591
Duane& Carolyn Eberly	B3	65.6	90.3	19,092	688	589
Memmus H Forrest	B3	69.6	87.5	17,952	656	589
Robert + Sharon Nolan	B3	64.3	89.8	17,958	634	588
Susan Weaver	3	78.5	83.4	18,466	709	586
Harold R Kulp	B3	75.7	87.3	18,209	670	586
Levi S King	B3	44.6	83.4	18,301	651	584
Geo Strutynski+ Sons	3	92.6	89.1	18,012	688	582
Landhope Farms	B3	393.0	87.4	18,469	682	581
E Kent High	G3	126.0	90.5	17,821	624	581
Landis S Reid	B3	74.9	86.1	17,758	702	577
Gideon Stoltzfus Jr.	B3	41.0	83.6	18,073	599	575
Gottlieb Strohmaier	B3	108.6	86.0	18,211	650	571
Timberview Farm	3	56.8	87.2	18,075	729	570
Thomas C Kearns	B3	44.7	85.2	17,594	648	566
Paul Smoker	G3	61.4	86.7	18,258	651	566
Jesse E Lair	G3	87.8	85.8	17,975	623	565
Elvin R + Carol Mast	3	92.3	86.0	17,236	654	564
Dennis Bush	B3	159.1	87.5	17,816	649	561
J Peter Flynn	B3	60.4	86.7	17,261	610	561

Lactation Report

Chris & Ches Stoltzfus					
Sunlite	3	3-2	305	27,745	1080
Jenny	3	9-0	305	23,731	1037
Agnes	3	5-8	305	23,583	1019
Hart	3	8-0	305	20,847	857
Orla	3	3-0	305	21,928	852
H & R Mason					
335	3	5-5	305	25,432	1061
418	3	4-1	305	25,529	1046
421	3	4-1	305	27,062	1025

(Turn to Page E20)

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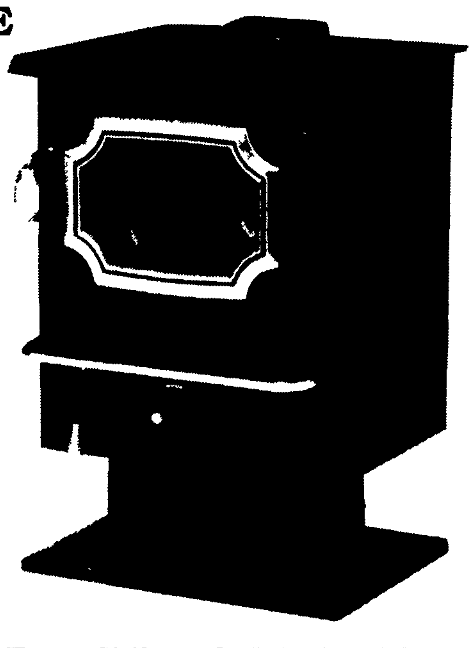

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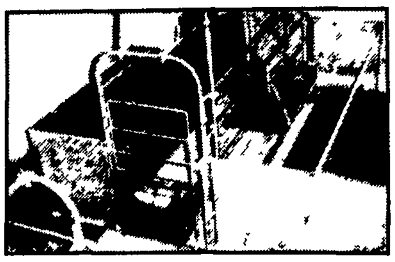
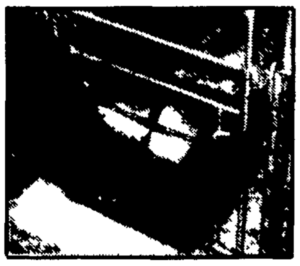
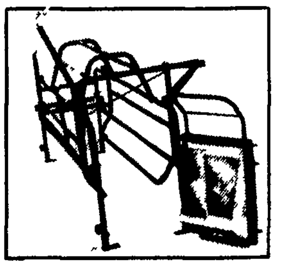


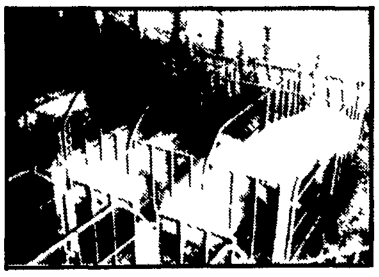
Proven Solid Steel Rod Bow Bar Crate w/Front Arch



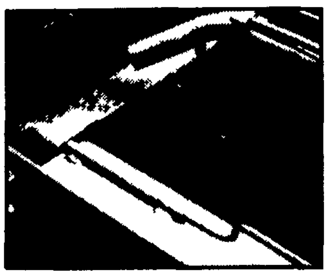
Round Bottom Stainless Steel Sow Feeders



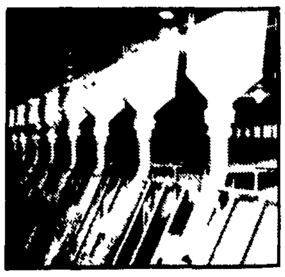
Proctor Hydraulic Crate Prevents Crushing



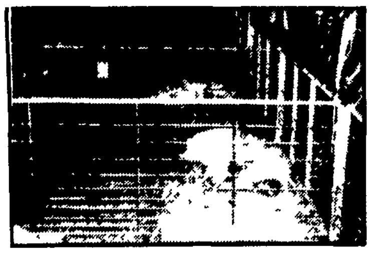
Solid Steel Rod Gestation Stalls



Stainless Steel Feed & Water Troughs



Surprise Sow Feeding Systems



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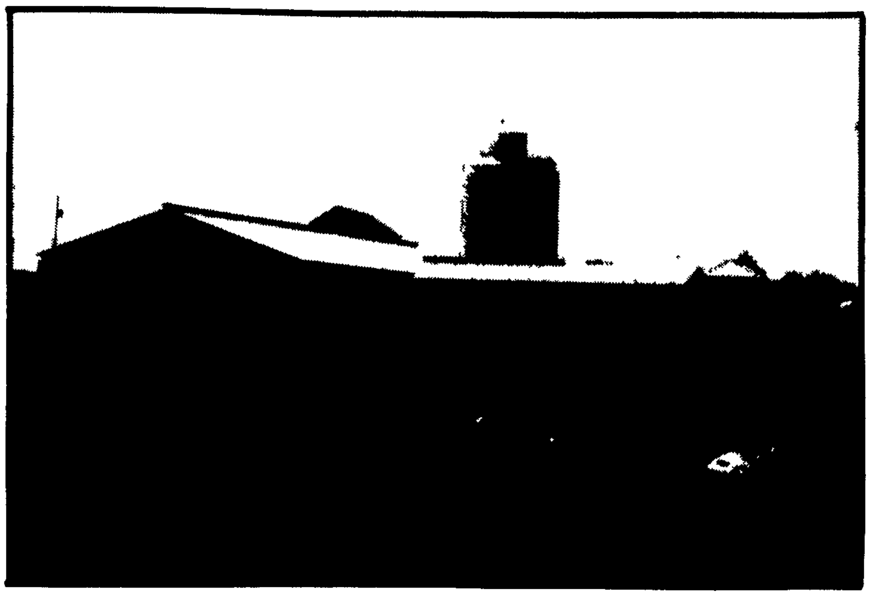
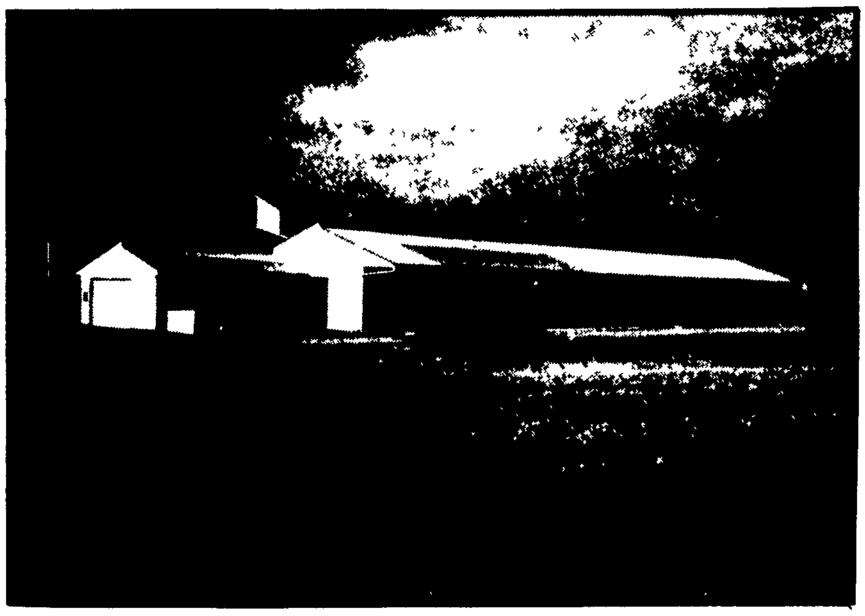

FREE-STALL BARN & MILKING PARLOR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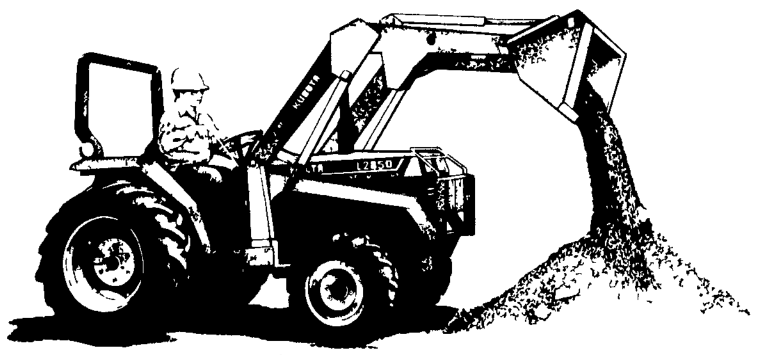
(Continued from Page E18)

600	3	4-3	305	26,477	894
459	3	3-6	305	22,377	892
559	3	2-0	305	21,422	878
417	3	4-1	288	21,629	865
David Bartram					
8417	3	5-3	305	28,402	1006
758	3	8-0	305	26,915	943
8431	3	5-1	305	25,817	866
8321	3	6-3	305	27,064	850
Nelson K Stoltzfus					
15	3	9-9	305	25,184	1006
42	3	4-6	305	22,242	862
New Bolton Ctr Unit 4					
79	3	5-1	298	28,463	1004
76	3	5-1	304	24,225	924
Breck-A-De Farm					
98	3	4-4	305	24,564	991
85	3	6-11	305	24,589	940
106	3	9-4	305	21,968	924
Landhope Farms					
40	8	4-10	305	26,176	989
571	3	3-0	305	22,914	951
360	3	7-8	305	27,494	929
Ken Brown					
275	3	3-6	305	25,963	983
273	3	4-10	305	25,332	912
John S Stoltzfus					
Ark136	3	7-6	305	24,817	976
Daniel & Annie Stoltzfus					
Namur	3	5-6	305	26,323	975
Leeward	3	4-8	305	26,141	966
Roy & Ruth Ann Bender					
Judy	3	4-3	305	26,136	975
H157	3	5-10	305	23,820	894
Paul Martin					
93	3	3-1	305	25,768	975
22	3	6-4	305	32,102	903
Star Point Holsteins					
Candy	3	8-9	305	28,608	960
Cary	3	6-8	305	26,303	899
Geo Strutynski & Sons					
12	3	8-1	305	21,183	952
Floys Miller & Sons					
76	3	3-2	305	24,282	949
Destiny	3	2-11	305	22,068	868
Pei-Valley Farm					
62	3	5-4	305	24,381	943
J Harold Bare					
38	3	6-6	305	23,094	940
63	3	3-8	305	21,355	860
Vernon Guest & Sons					
Fran	3	4-8	305	24,224	938
Eloise	3	4-6	305	21,811	874
Walmoore					
91	3	4-3	305	23,977	937
212	8	2-3	305	22,004	909
155	3	3-10	305	20,799	900
105	3	4-3	305	25,436	872
Walmoore #3					
338	3	5-10	305	24,588	936
379	3	5-2	305	25,955	910
Dunwood Farm					
Jan	3	3-1	305	28,940	935
Sam Marian Stoltzfus					
154	3	4-8	305	32,030	931
Joseph Lusby					
Gila	3	3-1	305	24,665	931
Emily	3	4-1	305	24,781	884
Timothy Barlow					
Lona	3	6-5	305	25,748	918
Terri	3	5-10	305	25,432	875
Mark & Melody Stoltzfus					
Alica	3	3-5	305	23,475	913
Amos K Kauffman					
Warden	3	5-7	305	22,106	902
Harold R Kulp					
Hope	3	3-6	305	23,299	901
Amos J Stoltzfus					
Lynn	3	5-3	305	28,043	899
Dennis Bush					
660	3	4-0	305	22,125	897
555	3	5-11	305	20,819	875
Landis S Reid					
141	3	5-10	305	20,248	895
184	3	4-2	305	21,030	894
Russ Hill Farm					
95	3	3-4	305	19,114	887
Mrs John B Hannom 3D					
42	3	5-2	305	21,772	885
J Peter Flynn					
1004	3	6-5	305	21,979	883
Elvin R & Carol Mast					
Art	3	4-9	305	24,058	879
Arthur & Duane Hershey					
Rosa	3	5-2	305	23,597	874
I Lamar Horst					
34	3	3-2	305	23,318	868
152	3	4-3	301	19,002	850
Ardrossan Farms					
*Ltrose	1	10-06	305	20,954	867
Maplesway Farm					
Twilite	3	4-5	305	20,522	867
Richard Hostetter					
89	3	5-3	305	22,576	865
Charles-Don Gable					
Beth	1	8-8	305	18,379	857

UNION COUNTY DHIA
October 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Kenlew Farms	B3	47.0	86.2	21,256	761	680
Hill Craft Farm	B3	46.4	90.9	20,426	774	672
Locust-Row-Farm	B3	73.5	96.1	20,160	802	668
Buff Run Farm	B3	41.7	88.2	20,426	758	662
Popular-Vue-Farm	B3	34.0	89.1	20,226	731	635
Rapid Run Farm	3	44.5	87.8	20,570	777	631
Jeffery J Vanhorn	B3	45.0	87.7	19,810	719	631
Joal-Ann Dairy	3	68.0	89.6	19,247	705	622
Got We Farm Hol	B3	57.5	87.3	19,232	640	622
Mifflin Hills Farm	3	56.2	84.7	19,713	682	619
Wildwood Valley Farm	3	14.1	88.1	20,548	791	619
Buzzards Glory Farm	B3	41.4	89.1	19,318	592	619
Joseph E Snyder	B3	51.8	85.1	18,989	647	618
Reichley Bros	B3	53.5	89.3	19,103	694	616
Locust-Ridge Farm	8	52.1	84.8	18,674	676	613
Mark A Mapes	B3	42.2	87.6	19,605	701	612
Kenneth Beiler	3	67.8	89.5	18,855	711	611
Wilmer E Zook	B3	42.7	87.0	18,724	647	605
Ivan B Martin	B3	44.6	86.2	18,912	686	600
Norman N Martin	G3	40.4	86.3	18,902	657	600
Melvin Z Musser	B3	42.6	87.2	19,086	671	592
Lincoln Ridge Farm	B3	44.5	84.2	19,213	670	591
Gene-Mar Farms	B3	71.8	89.1	18,307	693	588
Jon H Ocker	G3	48.2	84.0	18,373	672	583
Breezy-Vue Farm	3	31.9	87.2	18,502	693	582
John R Walter	B3	38.6	88.1	19,131	650	581
Ivan K Stoltzfus	B3	44.3	79.6	18,187	644	580
Wilmer S Stoltzfus	B3	33.2	87.2	17,758	687	577

IT MAKES A HARD LEFT EASY.



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1 - L295, 4WD, 29 Hp., Tractor/Loader/Backhoe, Excellent Condition .... $12,500 ... $11,200
1 - M4030DT, 4WD, 50 HP, 1850 Hrs., Exc. Cond. .... Call
1 - L355, 4 WD, 36 Hp. Tractor w/Loader, 1800 Hrs. ...... $9,900 ...... $8,900

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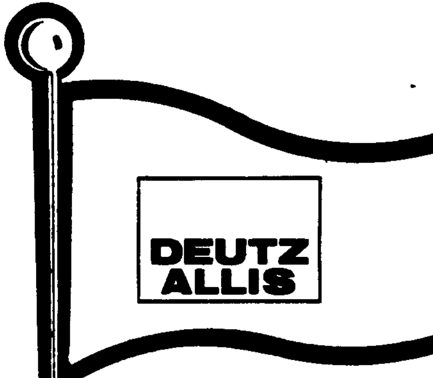

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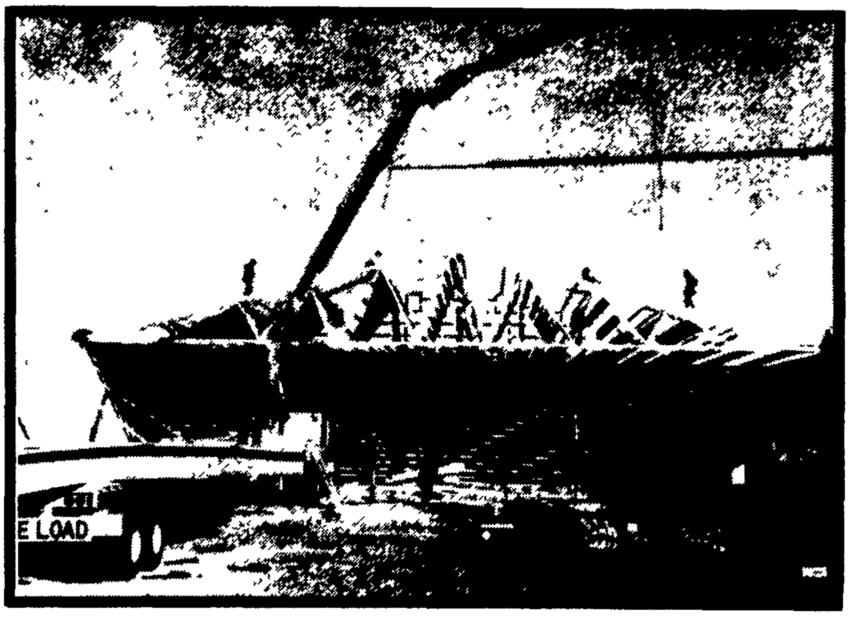
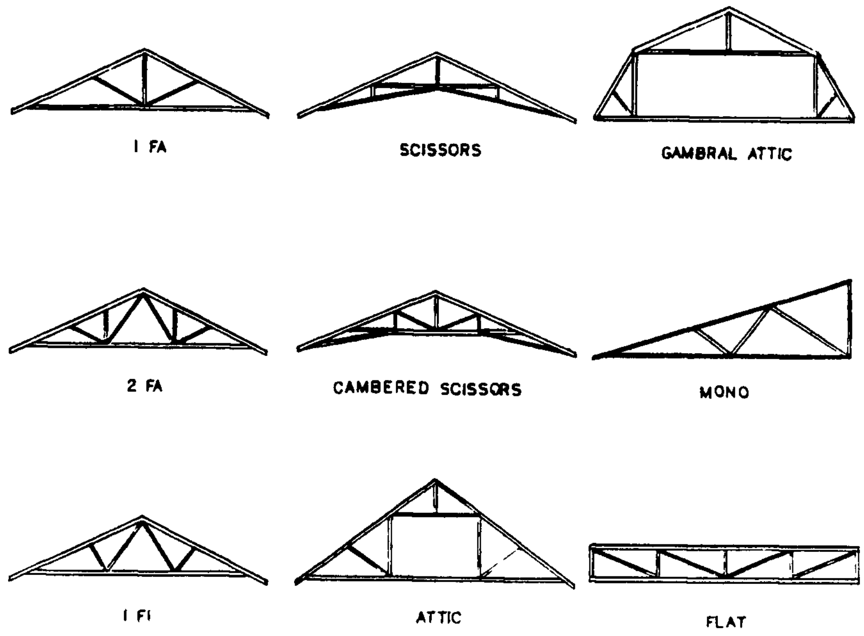
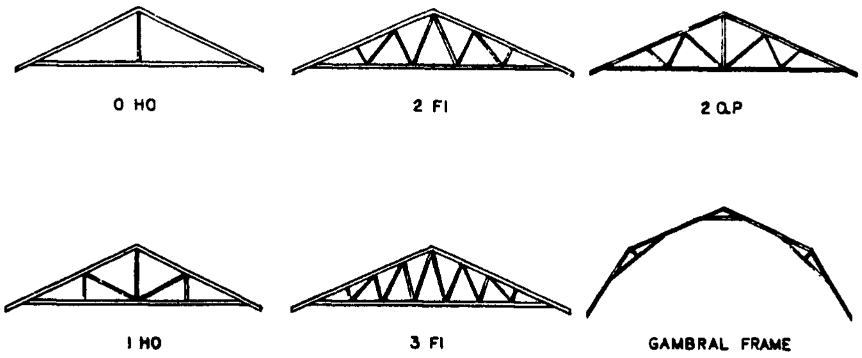


Commercial building featuring 100' clear span trusses, manufactured and delivered in one piece.





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118 AVOCADO
116 BLUE
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107 DARK BLUE

Fabral's Quality Control Department performs seven different tests to each steel coil to guarantee that the painted product meets our high standards before manufacturing Fabral's confidence in the longevity of the painted finish is demonstrated by an extensive warranty program Complete details on the warranty are available

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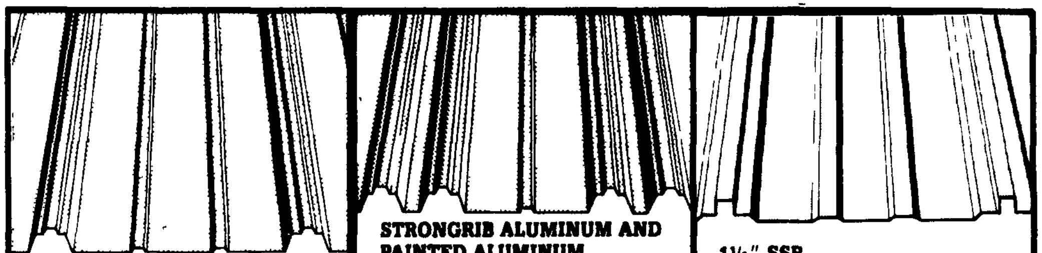

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Dairy Board Issues BST Statement

Richard B. Weiss
Senior V.P. Public Relations
National Dairy Board

EDITOR'S NOTE: A lawsuit was filed by the Foundation on Economic Trends alleging certain activities of the National Dairy Promotion and Research Board were conducted outside its legislative mandate.

National Dairy Board Mandate

Congress established the National Dairy Promotion and Research Board (NDB) through the Dairy and Tobacco Adjustment Act of 1983. One of the purposes of the act is "To stabilize the supply and demand for dairy products . . ."

NDB's charter, as set forth in the Act, is to ". . . carry out a coordinated program of promotion designed to strengthen the dairy industry's position in the marketplace and to maintain and expand domestic and foreign markets and uses for fluid milk and dairy products produced in the United States." The Act clearly mandates NDB to engage in activities to maintain and **stabilize** the supply and demand for dairy products in the United States and abroad.

Dairy Industry Coalition Established

A national survey commissioned by the NDB and conducted in early 1990, measured the impact of scientifically proven inaccurate statements about milk safety and BST to determine their effect on consumers. It revealed that two out of five consumers would cut back or avoid purchases of dairy products if exposed to food-scare appeals.

The NDB recognized that a cutback of this magnitude would seriously disrupt milk sales. Based on the consumer data, and on evidence that other food groups suffered significant sales losses due to widely disseminated misinformation, the NDB teamed with the National Milk Producers Federation (NMPF) in June 1990, to form the Dairy Industry Coalition.

The Coalition addresses questions on human health concerns regarding BST and other milk safety issues. The Coalition addresses questions on human health concerns regarding BST and other milk safety issues. The Coalition immediately adopted a neutral position on BST use should it be approved for commercial use (see attached statement) and advocated a sound science-based process for evaluating and re-confirming findings on the human health issue.

Coalition Activities

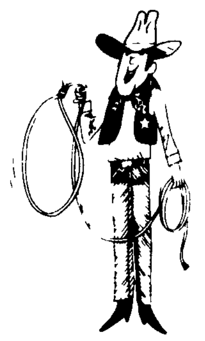
The Coalition conducts educational activities that support its commitment to communicating about the safety of milk and milk products. The communication activities are designed to reach the trade and other selected media, the dairy industry, and professional organizations (such as health and medical-professional organizations, food trade associations, etc.). No activities are targeted to the consumer, prior to ruling from the FDA on the approval or disapproval of BST.

To assure the scientific accuracy and validity of all the materials that have been and will be distributed by the Coalition, materials are reviewed by members of its nine-person Scientific Advisory Panel, which consists of recognized health and medical authorities from leading universities nationally. To facilitate the distribution of scientific materials, the Coalition established the Dairy News and Information Center.

The DNIC houses information on milk safety issues, including BST, and serves as a referral service for members of the media, dairy industry and health care professionals, with questions regarding milk safety.

To date, the Coalition has distributed information kits to the media, the dairy industry, medical professional organizations, and food trade associations. The Coalition developed the newsletter "Milk Issues Update" to keep dairy industry members apprised of developments on milk safety issues.

Other Coalition activities include monitoring media coverage of milk safety issues, fielding media and industry-member calls to the toll-free telephone line, sponsoring background sessions for the media on BST and milk safety that feature scientific experts, and distributing science-based information on milk safety to the groups mentioned previously.



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dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

November, 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Smysers Richlawn Fms	3	75.9	88.6	27,848	889	867
Lynn Wolf	3	83 0	89.7	24,624	805	771
HS & RE Fetrow	3	86.9	87.3	22,814	805	720
Jim&Holly McCaffree	3	56.9	86.7	22,179	802	699
Sinking Spring Fminc	3	64.7	87.2	21,265	801	672
Leonard Greek	3	50.3	89.1	20,151	710	652
Edwin L Calhoun	B3	54.2	86.6	20,690	760	649
Four-Co Farm	3	48.4	87.0	20,853	762	642
Ramsey S Cooper Jr	3	66.4	87.6	20,442	778	641
Thomas A Boyer	3	43.4	83.4	20,228	757	640
Beshore Farms	3	43.8	86.8	19,751	791	631
Smokey Hollow Farm	G3	49.3	86.8	20,634	671	630
B Robert Charles	3	45.8	86.4	19,962	731	626
Applehurst Farms	3	29.8	86.3	19,666	699	624
Melvin + Barb Marks	3	53.5	85.9	19,781	714	623
Melvin R Lehr	B3	48.6	84.9	19,797	714	622
Wayne E Myers	3	51.6	84.3	20,290	709	621
Dale E Ranck	3	35.3	86.1	19,156	667	617
David Gemmill	B3	94.9	87.3	19,407	710	612
Stump Acres	3	112.6	89.1	17,967	734	611
Leroy E Walker	B3	18.0	90.2	18,834	622	610
William Myers	B3	51.1	83.8	18,771	679	608
Robert W Mays	B3	64.5	86.8	18,827	651	596
Leaspring Farm	3	62.3	86.3	19,185	690	596
Dennis J Myers	3	45.9	89.3	19,107	631	592
Rutters	3	18.0	87.1	18,442	741	588
George Innerst & Sons	B3	110.9	88.2	17,844	653	586
Woodbine Farms	3	147.6	85.4	18,160	688	584
Walnut Hill Farm	B8	54.7	85.7	18,124	641	580
Gum Tree Farm	3	59.1	86.6	18,603	666	578
RR & MR Stewart	3	60.9	86.7	17,823	635	577
Elvin R Deiter	G3	54.8	85.5	18,208	651	572
Ted+Dianne Haberland	3	65.6	86.0	17,179	638	569
Dale & Darla Doll	3	89.9	86.5	17,867	617	568
Elvin G Molison	B3	155.9	86.2	18,014	646	566
Gary W Thoman	3	57.0	82.0	18,168	638	566
Albert Dehoff	B3	140.4	89.8	17,336	637	562

Northumberland County DHIA
November, 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Fred & Tom Strouse	B3	61.1	87.4	22,920	846	706
R M D Shultz Farms	B3	92.0	89.0	20,788	772	673
Shoch Manor Farms	B3	67.7	90.0	19,958	768	653
Truckenmiller Farms	B3	75.8	88.4	20,265	770	648
Brent Buckwalter	3	103.6	84.5	19,893	719	644
Jerry Smith	3	51.5	86.9	18,746	708	618
Lloyd B Zimmerman	G3	111.8	88.2	18,728	702	607
Clayton H Swartz	B3	33.5	87.4	18,650	710	600
Irvin Reynolds	B3	73.7	85.8	18,309	641	591
Ernest L Wolfe	B3	58.2	84.5	18,306	701	584
Ronald F Wallace	G3	43.5	87.5	18,438	678	582
Kenneth R Weaver	B3	55.7	87.8	17,645	655	576
Luke N Rebuck	B3	46.4	90.6	17,952	700	563

MONTOUR COUNTY DHIA
October 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Carl R Slater & Son	3	37.0	87.2	24,340	852	768
Daryl + Nancy Landis	B3	73.8	83.9	18,849	717	607
William A Vegh	B3	51.3	88.3	18,331	658	598
William A Vegh	5	9.7	86.1	16,135	665	585
Mar-Ja Farm	3	161.1	92.4	17,283	706	578
Ralph Kitchen	B3	50.4	91.5	17,681	677	573
Ed & Maryann Baker	B3	69.2	90.0	17,585	640	565
David Appleman & Son	B3	28.9	86.9	17,878	662	562

Juniata County DHIA
November, 1990
Rolling Herd Averages

Records were calculated for 4,106 cows in 78 herds. The ten highest Rolling Herd Averages for the most recent 12 months of production are:

Name	Brd.	% Days In Milk	Milk Lbs.	Protein Lbs.
Ken Deamer & Sons	37H	92.2	24,282	783
Roy & Glen Henry	73H	90.1	22,859	703
Mark L Zook	67H	92.1	21,081	666
Steve & Barbara Wilson	34H	87.0	20,959	666
Rick & Jeanette Saner	47H	88.4	20,723	660
Dary & Del Brubaker	79H	86.9	20,348	653
Harold & Jeff Kauffman	42H	87.7	20,242	639
Glenn & Shirley Graham	46H	86.5	19,107	631
Donald Q Adams	52H	84.8	19,660	621
Harshbarger Brothers	39H	89.5	18,569	615

Three Hundred and fifty-three cows completed records of 305 days or less. Three produced over 850 lbs. of protein; 15 produced over 750 lbs. of protein; 34 produced over 650 lbs. of butterfat.

Dairy cows which completed lactations with an average protein of 750 lbs. or more are listed below. The owner's name, cow's name, pounds milk and pounds of protein are given in order.

Lactation Report

Ken Deamer & Son Darlene	31,959	1026
Roy & Glenn Henry Judine	28,352	869
Donald Q Adams Lefty	28,271	857

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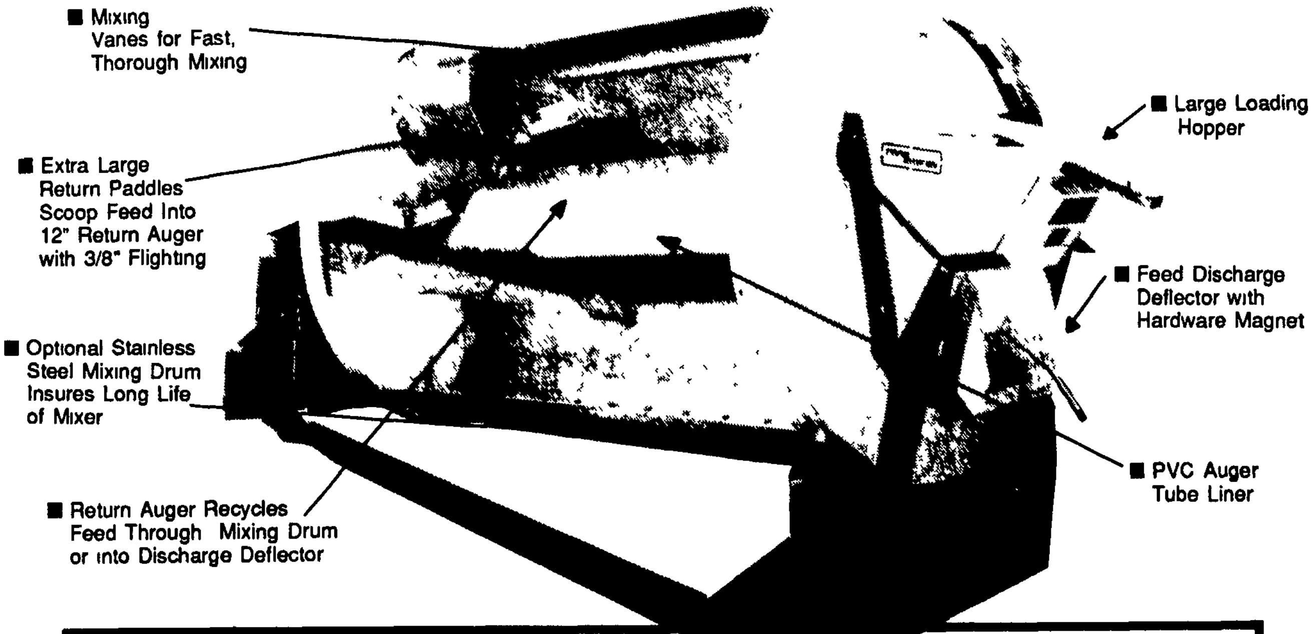
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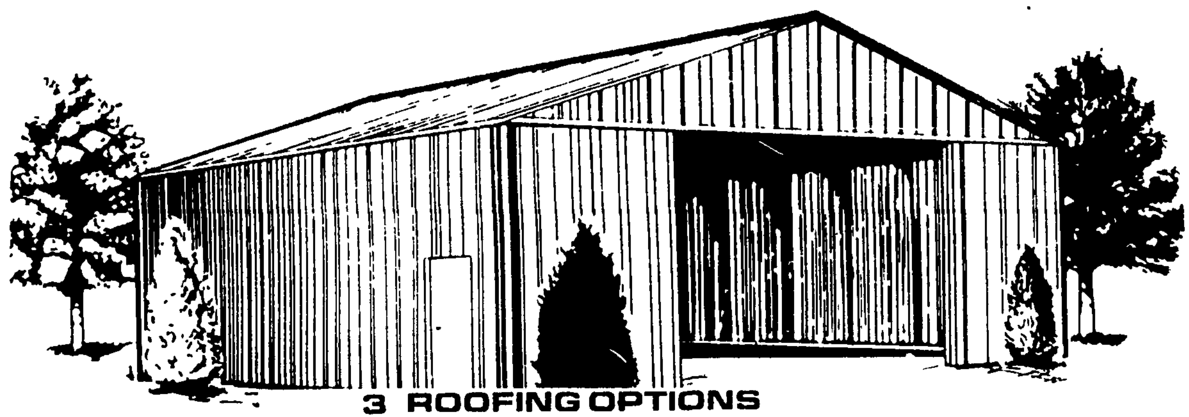

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30' x 48'-10'	$5,175	$5,395	$5,325
32' x 40'-12'	$4,695	$4,895	$4,750
32' x 48'-12'	$5,595	$5,795	$5,650
32' x 56'-12'	$6,125	$6,395	$6,225
32' x 64'-12'	$6,935	$7,195	$7,025

3 ROOFING OPTIONS

	29 GA Plain Steel	29 GA Painted Steel	.0155 Plain Aluminum
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40' x 56'-12'	$ 7,095	$ 7,295	$ 7,125
40' x 64'-12'	$ 8,175	$ 8,350	$ 8,235
40' x 72'-12'	$ 9,150	$ 9,395	$ 9,195
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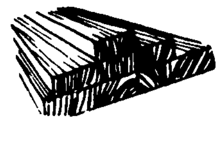

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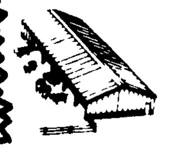

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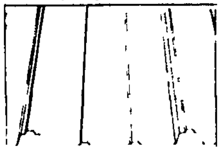

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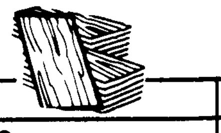

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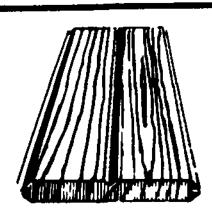

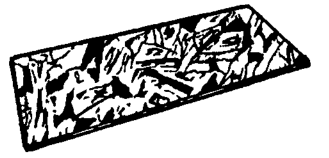

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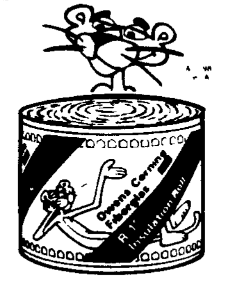

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CARTER 1991

Beef Briefs

by
John Comerford

Penn State Beef Specialist

National Dairy-Beef Symposium

A national symposium will be held in Harrisburg, Pennsylvania in February that will focus on the feeding and management of the Holstein steer.

The symposium is scheduled for February 13-15, 1991 at the Penn Harris Inn and Convention Center.

This seminar is conducted by commercial producers and university personnel in five states in the Northeast. The production and merchandising of Holstein steers for beef has been a growing industry in this region in the past couple of years. One estimate is there will be almost 30,000 dairy-beef steers produced in Pennsylvania alone this year.

This production system has some distinct differences with veal production, and in fact tends to complement veal production on some farms. Specific program topics will address all facets of production, including everything from implant strategies to evaluating feeding contracts.

To some, it may appear this program may be recycling information that appeared about 10-12 years ago in the name of "Tender Lean" and others.

While some of the details of that type of dairy-beef production are still valid, we have attempted to make this program an updated approach to this type of cattle feeding. There has been a substantial amount of work done with dairy beef production in this region and elsewhere recently.

We have just concluded a two-year study at Penn State where we were attempting to find a forage/protein source combination that would result in efficient gains and increased carcass value over some conventional Holstein feeding systems. Our results contained some surprises with, for example, the increased carcass value we got with those steers on fishmeal and alfalfa haylage. A more complete discussion of our results, as well as from trials at Cornell and Minnesota, will be presented.

For further information about the program, contact me at 313 Henning Building, University Park, 16802.

Probiotics for Feedlot Cattle

A recent educational program conducted by Dr. Gabriella Varga, assistant professor of Dairy and Animal Science at Penn State, described the efficacy of probiotic products in feedlot cattle.

The bottom line is that these products have not been very thoroughly tested in an objective study, and their response is highly variable.

A small study we conducted at Penn State with a probiotic gel for the first 28 days in the feedlot in crossbred and Holstein steers indicated there was a consistent increase in dry matter intake for the first 28 days on feed, and this increase was seen regardless of breed type or the diet provided for the steers.

Average daily gains also tended to be higher for the treated cattle (.24 pounds per day), but this should be expected because of the increased feed intake soon after entry into the feedlot. Feed efficiency was reduced for treated calves, but, again, this would be expected with cattle adjusting to the feedlot.

It should also be noted there was little or no sickness in these cattle during this time. This is probably a key to the economic effectiveness of these products. That is, as the level of stress and stress-related problems increase, so should the effectiveness of probiotic treatments.

Our problem in making a general recommendation about their use is the lack of scientific studies on probiotic use. Our results were similar to those in a Nebraska study, but we have little additional information available.

The economic value of probiotic products will depend on their ability to relieve stress-related problems. In our study, the treated calves did not have any advantage over the untreated ones when the steers were evaluated for feedlot performance over the entire feeding period.

Secondly, the products themselves will vary widely. As pointed out by Dr. Varga, there are thousands of strains of lactobacilli, for example, and only a few have been identified as effective as a feed additive.

Some general conclusions about the use of probiotics in feedlot cattle are as follows:

- They may be economically effective for use in highly stressed cattle.
- Some producers have found them useful for treating individual steers that are off feed.
- Use a product that has some information to support advertised results.
- Select a product that will be supported by the seller.
- Producers starting dairy-beef steers have found them to be effective.
- The effects may only be subtle and short-lived in nonstressed cattle, so the economics may be prohibitive.

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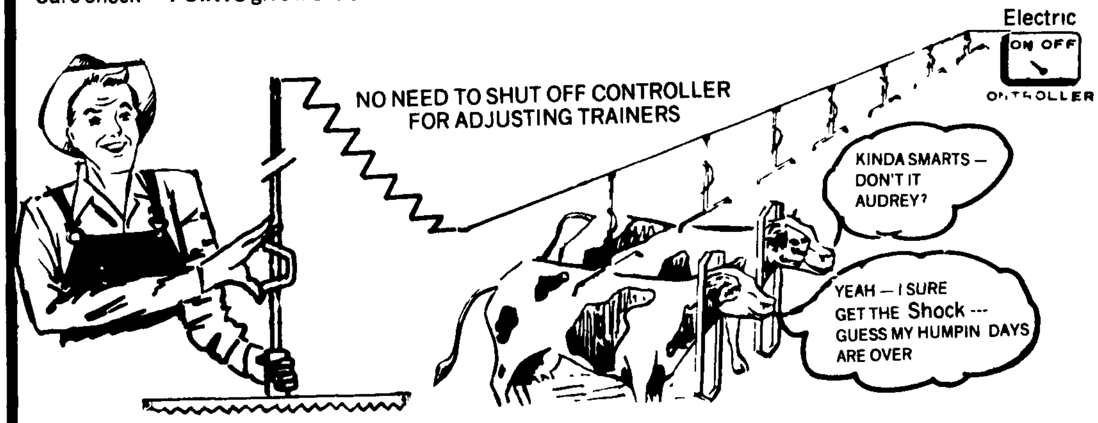
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Post Program Is Flexible With Corn Growers

WILMINGTON, Del. — Corn growers can use a postemergence herbicide to control grass weeds such as foxtail, woolly cupgrass, and wild proso millet up to four weeks after emergence without significant yield loss.

Although yield losses generally increase with weed density and duration of competition, corn may tolerate a few early weeds for a period of time without significant yield loss, said Ellery Knake, University of Illinois extension weed scientist. In addition, weeds germinating three weeks or more after the corn was planted resulted in negligible yield reductions.

"Our research has shown that you can let foxtail grow with corn for three to four weeks. If you have a good selective postemergence herbicide that will control the foxtail, you probably suffer very little, if any yield loss," Knake said.

Other land grant university competition studies with corn and some other grass weeds — including johnsongrass, shattercane and quackgrass — have resulted in similar findings.

In the three-year Illinois study, giant foxtail was removed from corn at various time intervals. Results showed that foxtail did not significantly lower yields until it grew to between six and nine inches tall.

When removed at three inches, the foxtail reduced corn yields less than one percent; at six inches, the plots showed less than a two percent yield decrease. Knake said that allowing grasses to grow until an early postemergence herbicide application should not result in significant yield loss.

Application flexibility and control of foxtail in test plots are reasons why weed scientists anticipate a greater reliance by farmers on new sulfonylurea postemergence herbicides. Du Pont "Accent," registered in June 1990, is a significant breakthrough with proven capability to control a broad spectrum of grassy weeds, Knake said.

"Being effective and quite selective, 'Accent' can help fill one of the last parts of the weed control puzzle — good postemergence control of grass weeds in corn," Knake said.

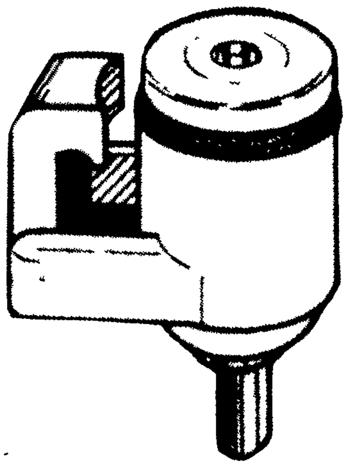
University of Illinois researchers also studied the effect of foxtail that started growing at various times during the season. The main problem is with foxtail that begins growing the same time as the crop, once corn has a head start, it has the competitive advantage, Knake said. Foxtail that started growing several weeks after the corn didn't make much growth.

"This is especially true with the high plant populations and narrow rows used by farmers today," Knake said. "If you let foxtail grow a few weeks and then kill it with a good postemergence herbicide, you'll probably not have to worry much about later foxtail making enough growth to affect yields."

Growers should strive for season-long control, however, because weeds that emerge late in the season could produce some seed for future years, Knake said.

When removed at three-inch heights, foxtail reduced corn yields by less than one percent, according to a University of Illinois study.

NIPPLEMANIA?



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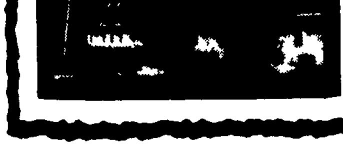

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All have hardened steel gear drive, a variety of auger diameters with replaceable forged steel cutting edges, and drill points for dependable service in fence building, pole barn construction, or tree and shrubbery planting.

The three models feature heavy-wall square tube boom design and free-turning integral gearbox output shaft safety shields. An optional storage stand allows easy one-man pickup.

The Model 906LD for Category I 3-point hitch tractors from 12 to 35 PTO horsepower is shear-bolt protected. Six- and nine-inch augers dig 42 inches deep, or up to 56 inches with optional extensions.

The Model 906MD for tractors of up to 55 PTO horsepower fits Category I and II tractors and is available with six-, nine-, and 12-inch semi-double flight augers. Double-flight augers are available in nine-, 12-, and 18-inch diameters.

Heavy-duty Model 906HD diggers have slip-clutch-protected drives and optional hydraulic down pressure to transfer tractor weight to the auger point for hard ground digging required by pole barn building contractors. Double-flight augers of nine-, 12-, 18-, and 24-inch diameters dig to 42 inches. Optional nine- or 14-inch extensions are offered for 51- or 56-inch depth.

Heavy-duty Ford 906 Series posthole diggers are available with hydraulic down pressure for hard ground digging. Double flight augers are available for nine-, 12-18-, and 24-inch diameter holes. With extensions, the 906 digs 56 inches deep.

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P225/60SR15	83.00
P275/60SR15	84.00

SIZE	COST
P175/70SR13	52.00
P185/70SR13	54.00
P195/70SR13	56.00
P185/70SR14	57.00
P195/70SR14	60.00
P205/70SR14	61.00
P215/70SR14	67.00
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P225/70SR15	72.50
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P255/70SR15	78.00

- 2 Steel Belts
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P165/80R13	39.00
P175/80R13	41.00
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P195/75R14	46.00
P205/75R14	48.00
P215/70R15	50.00
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P215/75R15	51.00
P225/75R15	54.00
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33x12.50R15	C	115.00
33x12.50R16.5	D	127.00

- Raised Outline White Letters

REVENGER STEEL RADIAL (L.T.) M&S

SIZE	PLY	COST
215/85R16	D	94.00
235/85R16	E	108.00
8.00R16.5	D	88.00
8.75R16.5	D	97.00
9.50R16.5	D	108.00
7.50R16	D	95.00

STEEL BELTED METRIC RADIAL M&S

SIZE	COST
155R12 76S	30.00
145R13 74S	33.00
165R13 78S	34.00
165R13 82S	35.00
175R14 88S	39.00
185R14 90S	41.00
165R15 86S	39.00
175/70R13 82S	38.00
185/70R13 85S	39.00
185/70R14 87S	42.00
195/70R14 90S	45.00
205/70R14 93S	47.00

TRAIL CUTTER P-METRIC RADIAL A/P M&S

STK. NO.	SIZE	PLY	COST
Outline White Letters			
2-3020	P205/75R15	SL	60.00
2-3030	P215/75R15	SL	65.00
2-3035	P225/75R15	SL	68.00
2-3040	P235/75R15	SL	70.00
2-3045	245/75R16	E	107.00
2-3050	255/75R16	D	95.00
2-3060	265/75R16	C	108.00
2-3080	LT235/75R15	C	91.00

GRANDEUR PREMIUM ALL SEASON STEEL RADIAL M&S

SIZE	COST
P155/80R13	44.00
P165/80R13	45.00
P175/80R13	47.00
P185/80R13	49.00
P185/75R14	51.00
P195/75R14	52.00
P205/75R14	56.00
P215/75R14	58.00
P205/75R15	57.00
P215/75R15	59.00

SIZE	COST
P225/75R15	63.00
P235/75R15	65.00
P185/70SR13	48.00
P185/70SR14	51.00
P205/70SR14	56.00
P215/70SR14	58.00
P215/70SR15	58.00
P225/70SR15	64.00
GRANDEUR XL (EXTRA LOAD)	
P235/75R15 XL	71.00

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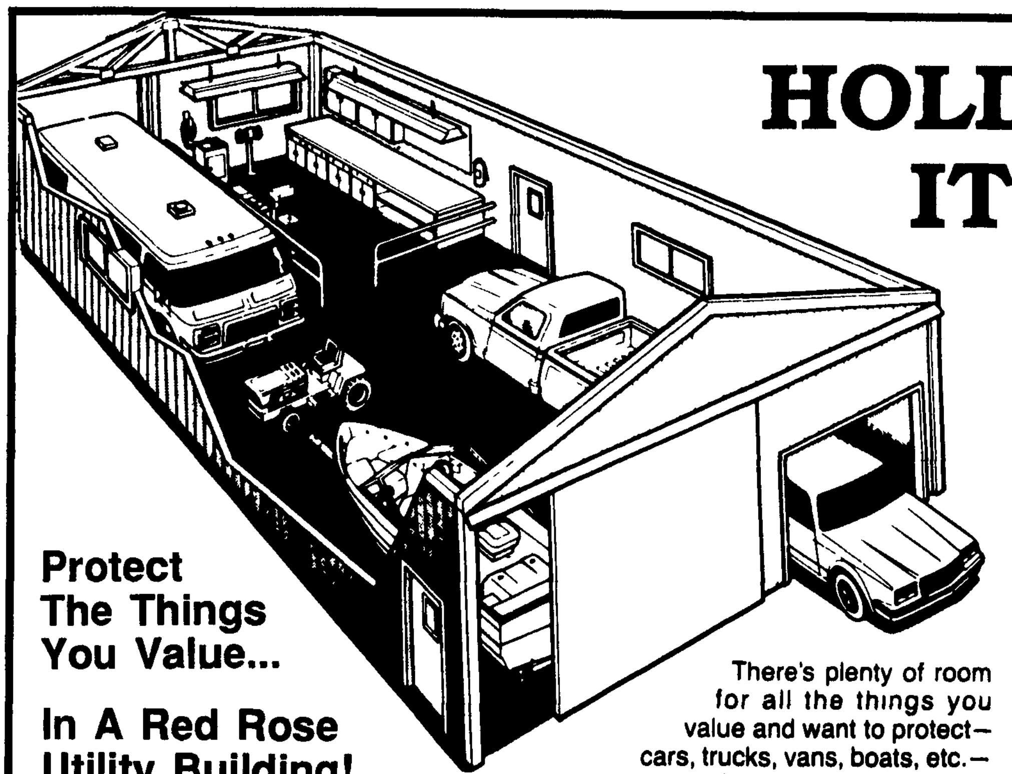

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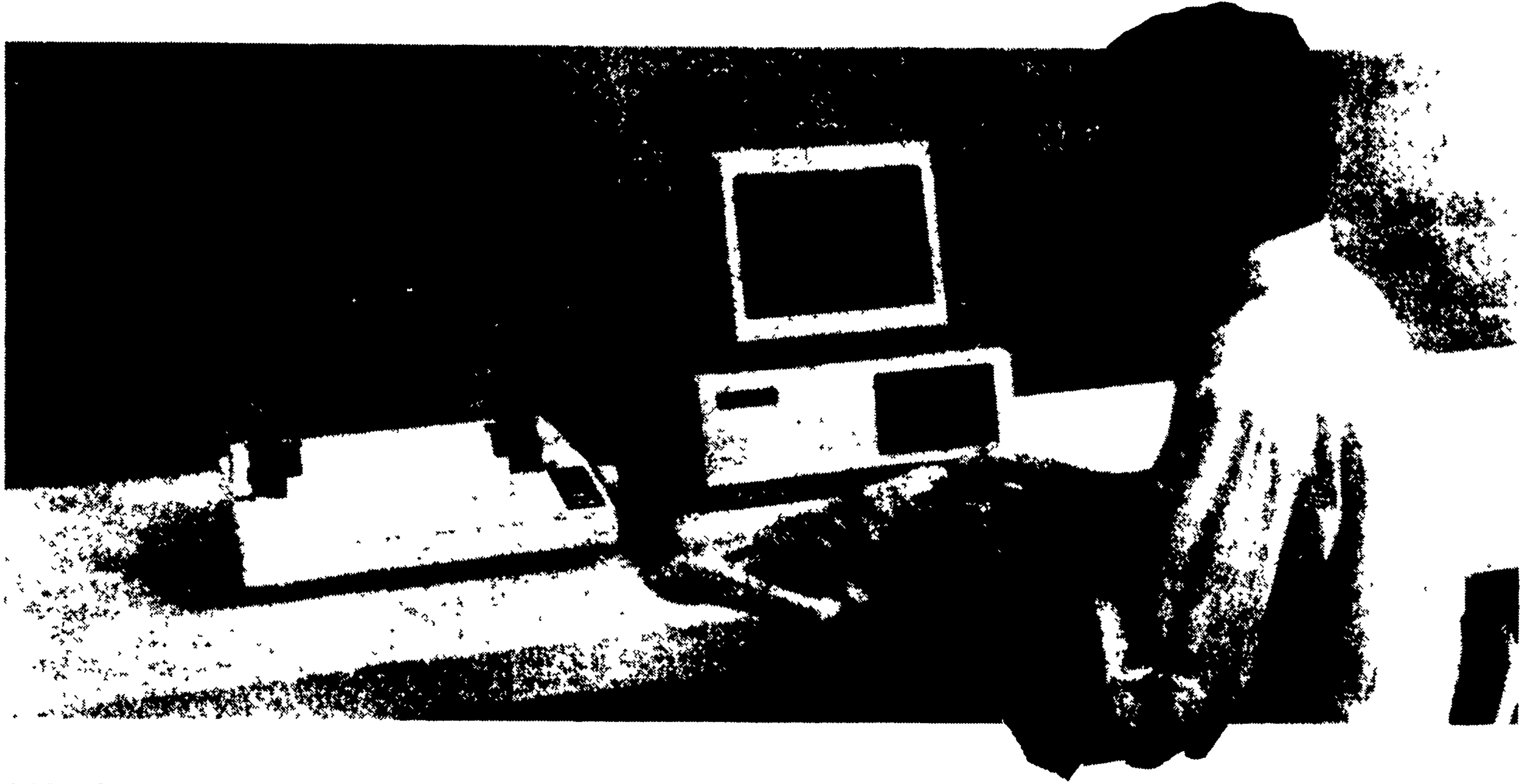

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Checkoff-Funded Nutrition Research Helps Answer

DES MOINES, IA— In the marketing environment, today's food products are more than ever scrutinied for their healthfulness and safety. To assure pork's place on the dinner plate, the National Pork Board has allocated producer checkoff funding to human nutrition and product research.

"The whole objective to the human nutrition research area is to develop information regarding the role of meat in the diet and its relationship to human health and well-being," said Hilman Schroeder, National Pork Board president and pork producer from Sauk City, WI. "The pork industry is genuinely interested in finding out how our products fit into a healthy diet and also how we can evolve pork into an even more healthy food."

Pork producers have taken a hard look at how checkoff dollars can best be used in this area and pinpointed these priorities: diet and degenerative disease; pork's role in the normal diet; nutrient composition of pork; and nutrient interaction. In November, producers, with the assistance of a scientific advisory committee, recommended six projects to fund for the upcoming year.

"Perhaps the best example of a single human nutrition project that helped pork's marketability is the recent Pork Market Basket Study, which showed that cooked and trimmed pork is 31 percent lower in fat than current official USDA figures," said Schroeder. "However, down the road the wealth of knowledge we have built up from less glamorous projects may be just as significant to prove that pork fits into today's healthy diet."

"Satisfying the consumer marketplace is our ultimate goal and often times this means making adjustments in our products. Research helps establish the criteria for change and provides a foundation for implementing those changes. It is the basis for shaping the future rather than responding to it," sums up Kansas pork producer Sharon Schwartz, chairperson of the Pork Research Committee of the National Live Stock and Meat Board, which manages the human nutrition research area for the Pork Board.

Schwartz and Schroeder agree that the industry will be focusing more of its dollars on specific targeted research to address well-defined industry priorities and matching the project to the best possible researcher. In the past, the industry has opted for solicited research, asking for the nation's top researchers to submit their best proposals in the areas they see as most important and then having pork producers evaluate the proposals.

"Like every other area we are funding, human nutrition research is evolving into an even more progressive program to help build demand for pork by showing how pork belongs in America's diet," adds Schroeder.

Martin Re-elected To ASCS Committee

Robert E. Martin, a New Holland area dairy farmer and auctioneer, was recently re-elected to serve on the County Agricultural Stabilization and Conservation Committee for another 3-year term. He was elected by community committee delegates at the annual convention held December 17, 1990 at the Farm and Home Center.

Martin will represent the farmers of northeastern Lancaster County in the administration of Agricultural Stabilization and Conservation Service (ASCS) programs for his second term beginning January 1, 1991. His duties as part of the 3-member county committee will include determining eligibility for payments, making recommendations on farm programs, approving or denying funds, and assessing the proper administration of the ASCS programs. The Acreage Reduction Program, Conservation Reserve Program, and Conservation cost-sharing are some of the major county programs.

Also elected at the county convention were Fred G. Seldomridge, Jr. Gap, as first alternate and Earl G. Martin, Ephrata, as second alternate. Each alternate will serve a 3-year term also representing the northeast segment of Lancaster County.

The community committee delegates chose Paul B. Kline, Lititz, representing the northwestern segment of the county to be chairman. Robert Martin was selected to be vice chairman, and Lloyd Welk of Quarryville is the third member.

Elected by the local farmers to be delegates to the county convention and representing the communities in northeastern Lancaster County for a three-year term were:

Community No. 5 East & West Cocalico, Brecknock & Clay Townships: Chairman- David D. Zimmerman, Reinholds; Vice Chairman- Robert D. Fox, Lititz; Regular Member- Glenn W. Flickinger, Reinholds; First Alternate- Ronald L. Meck, Denver; Second Alternate- Morton S. Fry, Ephrata.

Community No. 6 Caernarvon, East Earl, & Earl Townships: Chairman- Harold B. Wissler, New Holland; Vice Chairman- Walter Clair Martin, New Holland; Regular Member- M. Timothy Hoober, New Holland; First Alternate- Dale Weiler, East Earl; Second Alternate- David W. Lucas, Morgantown.

Community No. 7 Ephrata, West Earl, & Upper Leacock Townships: Chairman- John J. Landis, Leola; Vice Chairman- Luke Ray Zimmerman, Ephrata; Regular Member- Earl G. Martin, Ephrata; First Alternate- John R. Groff, Leola.

Community No. 8 Salisbury & Leacock Townships: Chairman- Fred G. Seldomridge Jr., Gap; Vice Chairman- Kenneth A. Skiles, Narvon; Regular Member- Jacob L. Kreider, Kinzer; First Alternate- Chester R. Eby, Kinzer; Second Alternate- Dennis L. Eby, Gap.

"Eligibility for participation in all programs administered by ASCS is established under law withour regard to race, color, sex, age, handicap, or national origin."

Be Careful With Wood Stoves

READING (Berks Co.) — Now that winter is finally here, many people will be depending on wood stoves and fireplaces to add heat to their homes.

While these heating devices can provide warmth as well as atmosphere to a home, according to the American Lung Association, they may also be responsible for producing something less appealing — indoor and outdoor air pollution.

Smoke from these heaters contains carbon monoxide, hydrocarbons, and other organic compounds which can cause respiratory illness or aggravate existing conditions such as bronchitis, emphysema, and asthma.

Improper burning of wood also causes outdoor air pollution. In fact, the Environmental Protection Agency (EPA) reports that wood stoves and fireplaces emit more carbon monoxide than all U.S. industry combined.

- Use only wood which has been split and dried for at least six months.
- Avoid smoldering, low-temperature fires — the greatest polluters.
- Never overload the firebox. This ensures that air circulates freely.
- Never burn garbage, trash, or treated wood wince they can emit poisonous fumes.
- Above all, watch for signals such as visible smoke from the chimney or lazy flames in the firebox. These are sure signs that more air is needed for burning.

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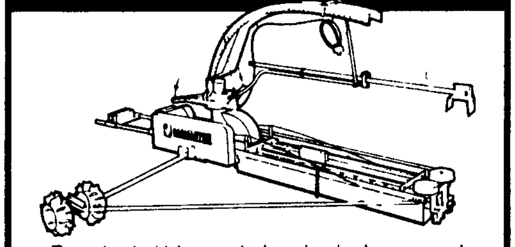

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Centre Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

November, 1990
Rolling Herd Average

Name	Brd.	Cows	% Dim	Milk	Fat	Pro
Dan & Penny Ulmer	3	67.0	90.2	23,005	865	733
Carl R Gates	3	46.0	87.7	22,752	857	730
Grahams Farm	3	105.9	85.7	22,429	803	701
Trinca Farm	B3	64.1	81.8	22,012	805	685
Jay Houser	3	73.9	86.9	21,291	818	661
Murmac Farms	B3	79.9	87.0	22,254	799	676
Jacob & Sally Tanis	3	76.5	87.9	23,388	865	735
Tim and Gloria Rogers	G3	77.2	89.3	21,963	871	707
Paul Hartle	3	47.7	86.6	20,954	813	662
Rish-Ron Holsteins	3	25.2	86.1	19,792	706	657
Valley Wide Farm	3	88.5	86.7	21,716	825	682
Dennis C Brooks	B3	99.0	88.7	22,650	851	697
Rick Homan	B3	66.5	87.1	21,218	779	688
Windmill Farm	B3	64.5	91.6	22,522	875	720
Franlo-Alken Farms	3	43.8	89.0	20,692	729	661
Stringers Sand Ridge Farm	B3	67.5	87.3	20,717	799	666
Kau-Mar Farm	B8	53.9	86.8	21,332	738	673
Fairbrook Farms	B3	124.7	88.8	20,783	784	660
Ja-Lene Farm	3	75.8	83.6	21,083	735	680
Dave & Sara Martin	B3	59.9	90.3	22,991	817	711
Tom and Diane Ault	B3	59.4	87.0	19,295	718	622
Donald R Bierly	G3	68.5	90.2	20,019	724	620
Boob Brothers	[illegible]	74.8	89.1	20,641	741	668
Ore Bank Acres	B3	96.2	86.2	19,603	739	628
Paul and Douglas Vonada	3	70.7	89.3	20,746	778	668
Peter and Karen Yorke	3	47.3	88.9	19,979	746	633
Tom Brodzina	B3	43.4	88.9	20,787	752	648
Larry and Carl Homan	B3	64.6	83.5	19,048	647	617
George R Futhey	B3	69.8	90.5	19,020	700	607
Joseph Hartle Jr	3	67.8	87.9	19,857	772	630
Breezy Farms	3	184.5	87.8	19,092	748	610
Ned E Deitrich	B3	72.1	87.6	19,658	705	624
Fred O Benner	B3	106.2	90.8	18,935	690	627
Mingo Meadow Farms	B3	74.2	85.6	19,240	666	608
Haagen Farm	B3	38.8	87.4	20,129	749	639
Jerry Weight	G3	104.0	89.4	19,983	743	639
Robert J McCool	B3	70.6	85.0	20,443	640	628
John B King	G3	35.6	87.8	20,593	728	624
Fred Risser	B3	72.0	86.4	20,144	742	620
Penn State Holstein's	B3	136.0	85.9	19,661	741	612
L Thomas Musser	G3	48.0	88.5	19,881	728	615
Gemi Brush Valley Farm	B3	61.7	89.1	18,767	708	605
Tussey Ridge Farm	B3	65.7	85.0	20,052	719	605
Guy E Fleck	G3	43.8	90.3	19,224	692	602
Ron Hough	B3	56.2	87.1	19,112	664	608
Eric G Myers	B3	70.1	90.6	18,272	705	601

Snyder Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

October 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days in Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Tim-Laurie Hackenberg	3	46.4	92.0	21,357	825	697
Alan R Narehood	3	30.0	89.1	20,265	816	678
Mabarbil Farms	3	85.8	89.2	20,172	744	677
Jesse J Yoder	B3	73.5	89.2	20,399	769	667
JL & CL Shaffer	3	36.0	89.0	20,278	795	667
D&N Hornberger	B3	29.8	86.2	20,888	683	663
Sauderdale Farm	B3	53.0	87.2	20,126	820	654
George Stoltzfus	3	36.0	86.2	20,012	733	633
Glenn & Barb Carper	B3	57.9	86.4	20,004	727	629
Pasture Green Farm	3	35.8	86.8	19,697	730	625
Fisherdale Farm	B3	70.1	89.9	18,816	721	624
Randolph A Hoffman	3	36.5	81.9	19,542	728	619
Chriss+Trish Nipple	B3	53.7	90 5	18,609	739	613
Sheldon&Sue Shaffer	G3	31.0	90.8	18,704	651	602
Kenneth Alderfer	B3	40.0	84.2	19,203	661	600
Seven Oaks	3	40.8	85.8	19,059	694	596
Joseph & Grace Blank	B3	55.3	83.0	18,195	673	585
HL Narehood & Sons	B3	56.3	88.1	18,140	748	585
Dennis L Hunsberger	B3	61.8	85.6	18,190	655	563
Michael&Mary Hauck	B3	65.9	86.7	18,048	664	561

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The Poly Square Big Foot is constructed of Opaque material to eliminate the solar effect. It blocks out sunheat-not sunlight. Poly Square's inverted ribs and 5'(W)x7'6"(L) make it the biggest unit on the market today and extremely wind resistant. It has no pop rivets which means no breaks or cracks for snow and rain to sift in. The unit weighs 100 pounds plus manger & buckets. And Poly Square Big Foot is large enough so your calf can lay in the center, away from cold walls in the winter. Use Poly Square with our side feed station and bottle holder which is perfect for use with a fence in a more traditional setting.

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Bucks Co. DHIA

Monthly Report

Pennsylvania Dairy Herd Improvement Association

October 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
R Galen Leatherman	B3	38.5	88.2	23,121	740	706
Joe & Linda Ford	3	52.0	85.8	21,752	695	701
Robert-Donald Crouse	B3	64.8	88.2	19,337	697	650
David&Sharon Bishop	3	101.2	89.1	20,520	731	648
Crooked Acres Dairy	3	58.1	85.9	19,765	707	641
Paul L-Kevin Bishop	B3	66.3	88.1	19,955	707	639
David W Wurster	3	57.3	87.0	20,051	729	628
Delaware Val College	3	32.0	90.4	19,855	735	623
James Pavlica	3	56.0	87.7	19,152	645	621
Promise Land Dairy	B3	67.8	87.8	19,491	672	618
Joseph Fleck	B3	53.9	87.7	19,161	676	614
Moyers Village Farm	B3	79.8	88.3	19,634	719	612
Delaware Val College	5	6.8	87.2	17,229	712	599
Breezyvale Farms	3	83.9	90.2	18,537	696	592
Joseph M Peters	3	44.4	88.6	19,021	696	592
Harold-Tom Haldeman	3	86.3	89.7	17,985	684	587
Walter L Detweiler	B3	45.2	88.3	17,388	623	584
Warren+Ray Detweiler	B3	47.1	90.4	18,024	648	584
Roy Shull	B3	228.9	87.3	17,883	687	579
Wo Bo Farms	3	48.2	88.3	18,235	688	576
Delaware Val College	1	10.1	86.4	17,400	652	568
Glendale Valley	B3	64.2	89.4	18,328	651	567
Robert-Barry Gehman	B3	65.4	90.1	17,112	651	561

Lactation Report

David W Wurster					
Sony	H	4-3	305	24,576	812
Robert-Donald Crouse					
Wanda	H	7-4	305	28,732	983
Boots	H	5-7	305	23,716	763
Patti	H	3-0	305	21,923	764
Warren-Ray Detweiler					
110	H	5-8	305	24,152	750
Moyers Village Farm					
Belinda	H	4-1	305	24,693	781
Roy Shull					
522	H	8-0	305	23,337	741
646	H	6-3	305	23,698	737
737	H	5-2	287	22,376	721
960	H	2-0	305	22,750	704
Joseph M Peters					
Button	H	3-6	305	24,410	710
Robert-Barry Gehman					
Ada	H	4-2	305	23,757	771
Walter L Detweiler					
April	H	4-3	305	21,978	730
Joe & Linda Ford					
Bonnie	H	7-9	305	24,353	816
Shirl	H	6-0	305	24,946	805
Farah	H	4-3	305	24,232	742
R Galen Leatherman					
Peach	H	5-0	305	24,331	738
Paul L-Kevin Bishop					
Tilly	H	8-7	305	28,245	789
Zoe	H	8-0	305	24,654	754
Molly	H	5-9	305	23,278	717
Jody	H	4-2	305	27,259	834
Shawn	H	3-6	298	22,093	755
Richard O Smith					
Jayne	G	4-7	305	21,310	721
David & Sharon Bishop					
Mimi	H	2-11	305	24,454	751

Research Targets Producer Priorities

DES MOINES, IA— Researchers throughout the U.S. have sent in 172 production research proposals to the National Pork Board for funding in 1991. In the past, the Pork Board has funded about $400,000 in competitive research grants.

"The overall research funding philosophy is to find ways to produce pork more efficiently by lowering input costs and improving product quality," said National Pork Board President Hilman Schroeder. "All research funding decisions are made in accordance with producer directives drawn from a series of priority planning meetings and producer surveys."

Using the priorities established by producers, a diverse committee of producers and scientists will meet next month to review and select the projects that will receive 1991 funding.

The Pork Board funds about 30-40 research grants each year. In addition, funds from universities and other agencies are utilized so that the Pork Board can leverage its checkoff dollars to direct approximately $1 million worth of pork industry research.

The Pork Board funds production research in areas such as swine nutrition, swine health, genetics, health, environment, management, marketing and facilities. Some of the past checkoff-funded research successes have led to the development of new swine vaccines, better nutritional recommendations, genetic improvement and pseudorabies (PRV) eradication tools.

Production research is one of the many research categories funded by the Pork Board.

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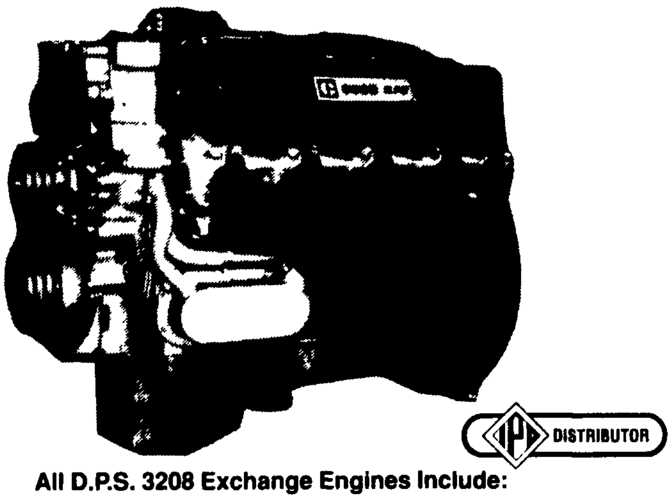

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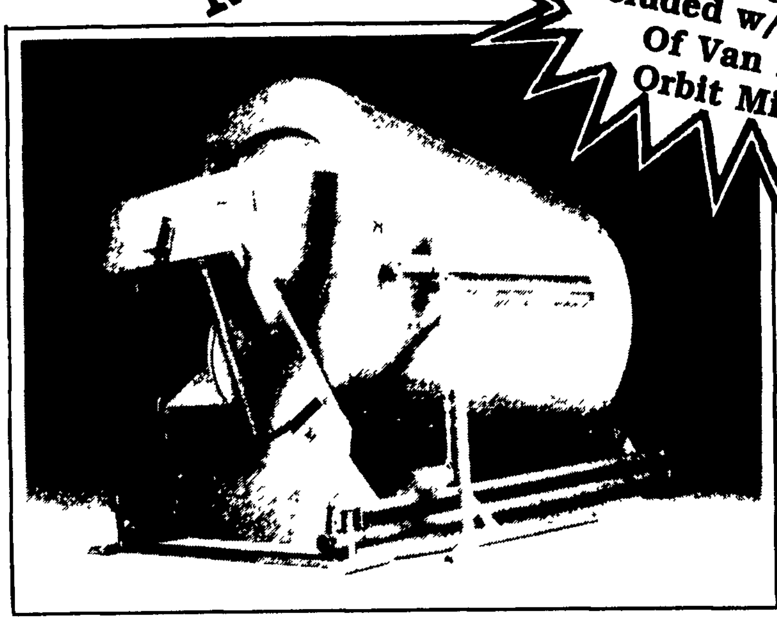

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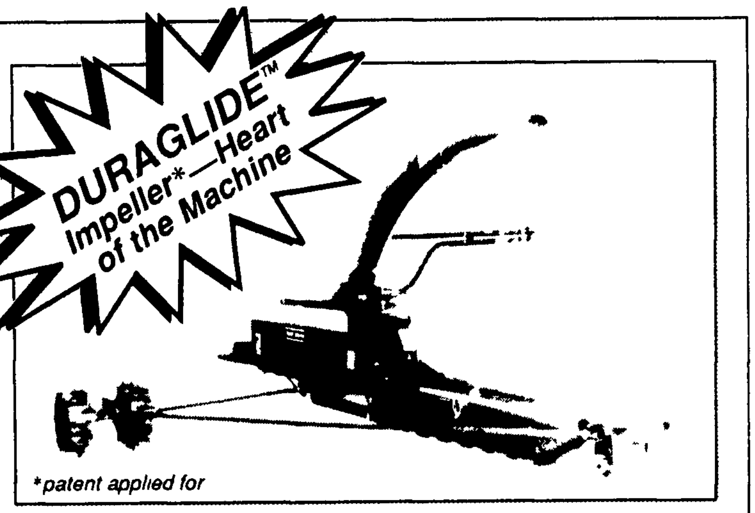

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Columbia Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

October, 1990 Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Jan Jurbala	3	31.0	85.0	22,052	870	793
Richard Kriebel	B3	60.9	90.6	22,045	799	723
Jay E Wise	B3	39.8	93.3	21,791	831	720
Hunter Crest Farm	3	64.5	87.4	21,117	768	708
Duane E Shuman	B3	33.6	92.4	20,941	762	697
Barry D Wise	B3	46.9	95.1	20,889	791	689
J Robert Book	B3	63.2	87.6	21,591	775	680
Shultz Bros	3	58.7	90.2	20,154	792	669
Valley Stream Farm	B3	67.7	87.8	20,625	745	656
Lyons Den Dairy	B3	141.7	85.5	19,937	694	650
John W Turofski	G3	33.9	85.2	20,433	766	649
Tri Vale Farms	B3	32.1	87.7	17,665	710	596
Craig Fester	B3	30.3	90.9	17,322	664	585
Carl R Stackhouse	G3	45.1	84.5	17,895	632	583
Richard Yule	3	49.1	86.1	18,099	710	580

Lactation Report

Craig Fester						
Pinkie	3	5-1	305	20,846	737	913
Duane E Shuman						
Rascal	3	6-10	305	26,369	767	971
Ariel	3	3-4	305	20,698	703	877
Donald J Bowman						
405	3	5-1	305	24,763	835	978
63	3	4-4	305	24,943	811	856
Valley Stream Farm						
390	3	5-3	303	20,849	686	911
431	3	4-5	305	26,240	854	932
474	3	3-1	305	24,084	773	868
Hunter Crest Farm						
Bustle	3	9-6	305	22,551	784	869
Puzzle	3	5-0	305	29,011	887	1078
Mindy	3	6-0	300	25,239	813	885
Cecilia	3	3-3	305	23,894	836	898
Norma	3	6-10	305	26,711	881	1115
Windex	3	4-4	305	25,022	819	917
Fifi	3	6-8	305	27,238	776	957
Gwen	3	5-6	305	28,651	812	955
Jan Jurbala						
Kit	3	11-4	305	30,821	1125	1140
#Kara	3	3-11	305	29,748	1076	1182
John W Turofski						
Apple	3	6-4	244	20,613	707	855
Kracker	3	5-4	305	25,511	810	898
Hosler Bros Farms						
320	3	6-4	305	21,008	765	900
514	3	4-5	305	22,442	694	885
516	3	4-3	305	18,848	620	900
Pen Col Farms						
Beth	3	7-0	305	29,822	926	1061
#Dsignr	3	6-1	305	34,306	994	1149
#Deean	3	4-6	305	30,757	900	995
#R Dain	3	2-9	305	26,523	836	879
Richard Kriebel						
Myrna	3	7-3	305	22,473	781	909
Lyons Den Dairy						
Kate-2	3	5-1	305	25,514	829	931
Sneezy	3	3-4	305	22,550	764	895
Shultz Bros						
38	3	4-0	305	20,208	711	879
Robbins Farms						
1201	3	5-3	305	21,284	762	933

Union County DHIA November, 1990 Rolling Herd Average

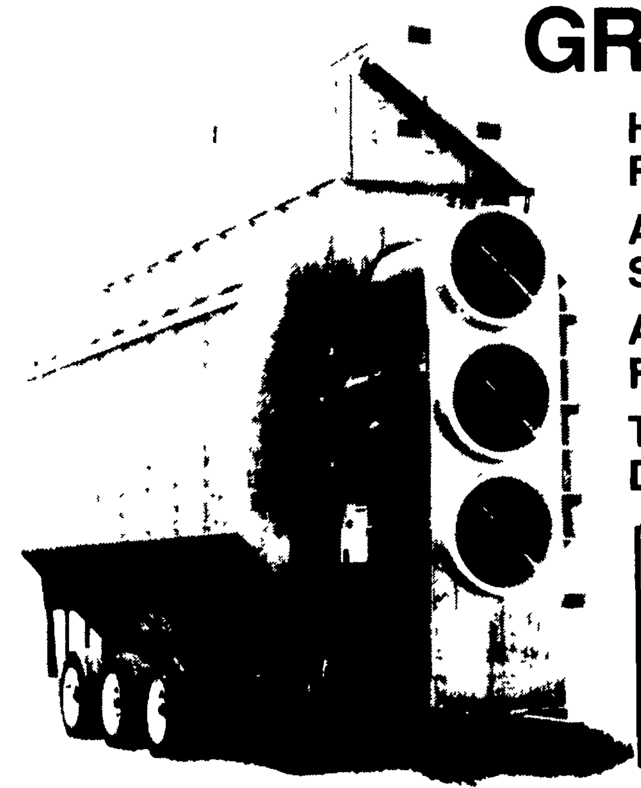
Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Ira R Zimmerman	B3	33.2	91.8	22,097	937	704
Kenlew Farms	B3	47.3	85.4	21,212	766	679
Hill Craft Farm	B3	46.1	90.7	20,552	774	675
Locust-Row-Farm	B3	74.6	85.7	20,163	801	668
Buff Run Farm	B3	42.0	87.8	20,485	761	665
Popular-Vu-Farm	B3	34.0	89.1	20,226	731	635
Jeffery J Vanhorn	B3	45.0	88.4	19,819	720	631
Rapid Run Farm	3	45.1	87.8	20,579	774	629
Mifflin Hills Farm	3	56.0	85.1	19,937	690	626
Wildwood Valley Farm	3	14.2	89.1	20,710	794	625
Joal-Ann Dairy	3	67.4	89.5	19,346	707	623
Reichley Bros	B3	54.4	89.5	19,263	698	623
Got We Farm Hol	B3	57.5	87.3	19,232	640	622
Joseph E Snyder	B3	51.6	85.3	18,961	651	617
Kenneth Beiler	3	67.7	89.6	18,935	713	615
Locust-Ridge Farm	B8	51.9	85.2	18,729	679	612
Buzzards Glory Farm	B3	41.3	88.4	19,007	589	612
Norman N Martin	G3	40.8	86.8	19,243	669	610
Mark A Mapes	B3	43.0	87.3	19,361	686	606
Wilmer E Zook	B3	42.7	87.0	18,724	647	605
Ivan B Martin	B3	44.7	85.6	18,936	684	600
Melvin Z Musser	B3	42.9	87.0	19,074	667	593
Gene-Mar Farms	B3	72.5	89.5	18,433	692	591
Lincoln Ridge Farm	B3	44.5	84.2	19,192	669	591
Ivan K Stoltzfus	B3	44.3	80.2	18,542	653	590
Edwin Z Burkholder	B8	36.5	87.7	18,721	636	588
John R Walter	B3	39.0	88.3	19,186	650	582
David Peachy	B3	45.9	82.5	18,328	651	580
Ralph Dietrich & Son	B3	29.0	90.4	18,486	674	578
Wilmer S Stoltzfus	B3	33.3	87.4	17,783	687	578
Jon H Ocker	G3	47.9	84.1	18,143	666	578
Breezy-Vue Farm	3	31.7	87.0	18,359	684	577
Kerry + Janet Young	B3	43.8	84.4	17,549	666	572
Amos M Stoltzfus	B3	60.8	85.3	17,920	646	569
Pete&Mimi Stoltzfus	B3	37.9	90.6	17,448	646	568
Ern Lin Holsteins	3	38.8	78.7	18,908	662	563
Jonas R Zeiset	B3	54.0	88.5	18,264	643	563
Cold Run Farm	B3	48.3	85.7	18,208	669	561

MCKEAN COUNTY DHIA October 1990 Rolling Herd Average

Herd Owner	No. Cows	% Days	Milk Lbs.	Fat Lbs.	Protein Lbs.
John + Lester Lapp	66	88.7	23,119	808	719
Alan Kinney	29	87.3	20,716	782	661
Thomas Spees	50	90.8	19,933	689	638
Mantz Farms	25	86.5	19,440	746	636
Ken + Doug Comstock	36	84.7	19,982	719	631
Cheryl + Matt Windsor	33	86.6	19,333	711	626
Mantz Farms	15	87.7	18,725	743	616
Charles Irons	81	88.1	18,323	712	597
Neal D Gordon	37	83.1	18,018	642	569
Peter Causer	43	89.0	17,485	650	563

Lactation Report

John + Lester Lapp				
Prill	7-3	305	28,537	998
Alan Kinney				
Robin	5-8	305	24,626	915
Belle	5-4	305	25,006	1062
Sammy	2-11	305	23,914	874
Thomas Spees				
Moreen	4-10	305	25,119	959
Beauty	4-10	305	23,070	907
Ken + Doug Comstock				
Mona	2-11	305	18,934	882
Gina	3-6	305	22,141	897



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Clubs Help Farmers Learn Strategy

COLLEGE PARK, Md. — In the early 1900s, land-grant college educators helped farm youth improve crop production techniques through corn clubs. Some of their modern-day counterparts are trying a similar approach to help farmers become proficient in marketing agricultural products.

In Maryland, for instance, eight commodity marketing clubs have been organized in nine of the state's 23 counties under auspices of the Cooperative Extension Service, a part of the University of Maryland System.

James R. Russell, an agricultural and resource economics faculty member at the University of Maryland College Park, has been the guiding force behind the Maryland clubs. Dr. Russell comes from a family of country elevator operators in Oklahoma.

Russell makes regular visits to biweekly meetings of the Maryland marketing clubs to hold teaching sessions on advanced marketing techniques such as puts and calls, hedging, spreads, and trading on the margin. Club members make moderate financial investments and pool their money to practice what they have learned. Most of them are involved with buying or selling put and call options.

To help club members make intelligent decisions with up-to-date information, Russell managed to get a 30-inch satellite dish installed this summer on the top of Symons Hall, which houses his College Park office.

The satellite dish permits transmission of instantaneous market information available through Data Transmission Network (DTN), a commercial organization.

The continuous DTN information includes regionalized weather summaries, early-in-the day livestock trading reports, feeder pig and cattle auction news, and access to the nation's top agricultural advisory services.

Grain market cash and futures quotations come from the Chicago Board of Trade. Most livestock and other futures market information comes from the Chicago Mercantile Exchange.

Russell said that most farmers who have used options trading this year have done very well. But, ironically, most daily newspapers don't even print option quotations for agricultural commodities.

Offices of the Maryland Cooperative Extension Service in counties where farmer marketing clubs are organized have DTN terminals which receive electronic transmissions from the College Park satellite dish. Terminals also have been installed at the university's Wye Research and Education Center near Queenstown, the Upper Marlboro facility of the Central Maryland REC, and in Jim Russell's office at College Park. This makes a total of 13 terminal locations.

Farmers may call any of these 13 offices for up-to-date market information. Some offices make the information available through recordings on telephone answering machines.

Russell checks his own terminal throughout the day, so he can respond to telephone queries with timely information. He hopes eventually to feed his own daily market analysis into the system. For now, he helps to write a market analysis for the "Maryland Grain & Livestock Report," a weekly newsletter distributed by the Maryland Department of Agriculture.

OPTION OUTLOOK — Three farmer members of Baltimore County Agricultural Commodity Marketing Club check computer printout with latest market quotations for grain options from the Data Transmission Network terminal in the Cooperative Extension Service office at Cockeysville. Shown are, left to right, John D. Foster of Hereford; John McGinnis and Vernon H. Chenoweth, both of Shane; and G. Richard Curran of Westminster, Baltimore County Extension director. The club's 20 members meet biweekly at 6:30 a.m. in Hereford high school. They have purchased a $2.50 September corn call option with a $100 investment from each member.

Lung Safety Topic Of Show

HARRISBURG (Dauphin Co.)— Farmers can learn more about the risk and prevention of dust-related respiratory diseases by visiting the Penn State exhibit at the 1991 Pennsylvania Farm Show in Harrisburg.

"From silos to swine houses, farmers are exposed to nuisance and toxic dust that can result in permanent breathing impairment or death," said Dr. Dennis Murphy, Penn State associate professor of agricultural engineering. "Every time farmers grind feed or chop old straw for bedding, they may increase their risk of respiratory disease."

Even though the air may look clean, Murphy said every farmer should wear a respirator to filter toxic dust when working with moldy hay or silage, cleaning grain bins, or working in chicken and swine houses. The exhibit includes a demonstration of four different types of respirators.

"The respirators all have the same function," said Murphy, "which is to provide farmers with cleaner air to breathe."

Staff from Mediq Healthcare and Hershey Medical Center also will be on hand to test lung capacity. A person who has breathed too much toxic dust may have a lung capacity well below normal.

The Protect Your Lungs display will have hourly respiratory protection demonstrations Sunday afternoon and from 9 a.m. to 4 p.m. Monday-Friday.

An Open Letter From Oliver L. North
President, FREEDOM ALLIANCE

"IT'S TIME TO LIMIT TERMS FOR CONGRESS"

Dear Concerned American:

Only in Albania, North Korea and Communist China are government officials more entrenched than members of our U S Congress. The re-election rate for incumbents in the 1990 congressional elections was almost 97 percent, despite polls showing public disapproval of Congress at a record high of 69 percent, and even though...

- **Congress** (just two weeks before the election) **socked Americans with the second largest tax-hike in the history of the republic, while giving its own members a tax cut;**
- **Congress awarded its members a 39% pay raise;**
- **Congress wrote policies that laid the groundwork for the $300 billion S&L fiasco;**
- **Congress continues to add to the $3.3 trillion federal debt with extravagant spending sprees and special interest pay-offs;**
- **Congress exempts itself from laws it imposes on the rest of us, including civil rights and minimum wage laws.**

Despite all this, incumbent members of Congress are virtually guaranteed re-election — as the 1990 elections proved yet again The main reason for this, of course, is the huge spending advantage Congressmen have. Incumbents outspent challengers nine-to-one And this doesn't even take into account the so-called "franking" privilege, which allowed Congress to send out about one billion pieces of mail to constituents in 1990 at taxpayer expense This "franked" mail, allows members of Congress to keep their names continuously before the voters. Challengers, by contrast, must pay for every letter they send out

No wonder a record 81 incumbent House members ran unopposed this year No wonder the vast majority of incumbents had only token opposition And no wonder 65 percent of the voters this year chose to register their disgust with this rigged election system by staying home How can the voters "throw the rascals out" if they've never heard of the other candidates before entering the voting booth?

We must limit how long a member of Congress can hold office. The 22nd Amendment to the U.S. Constitution limits the President to a maximum of two elected terms And what's good for the President is good for Congress.

We at FREEDOM ALLIANCE believe that a maximum of three elected terms (6 years) for House members, and two elected terms (12 years) for U S. Senators is long enough. A permanent government oligarchy is incompatible with liberty If you agree, give us a call at 1-800-523-2244. Or fill out the reply form, and we'll gladly send you information on how you can get involved in this important campaign

Congress won't limit itself. But the U.S. Constitution provides a way for the American people to make changes in our political system even when the Washington Establishment opposes change. Change will occur, however, only when We the People decide to act.

Semper Fidelis,

Oliver L. North
President, FREEDOM ALLIANCE

FREEDOM ALLIANCE

HOW TO GET INVOLVED

1) Fill out this reply form, and return it to us at:

FREEDOM ALLIANCE
Congressional Term-Limitation Initiative
P O Box 96700
Washington, D C 20090-6700

OR

2) Call us at 1-800-523-2244

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Willow Street PA 17584

Lancaster Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

November, 1990

A registered Holstein cow owned by John H Howard, Willow Street, completed the highest 305 day lactation. Lindy produced 36,464 lbs. of milk, 1,035 lbs. of fat, 1,204 lbs. of protein with a 2.8 percent test.

A registered Holstein cow owned by Elvin L. Kurtz, Elverson, placed second Mandy produced 30,230 lbs. milk, 951 lbs. of protein with a 3.1% test.

Lactation Report

Owner's-Cow's Name	Brd.	Age	Days	Milk	Prot.	Prot.	%-Fat	Fat
John H Howard								
Lindy	RH	7-0	305	36,464	2.8	1035	3 3	1204
Glamour	RH	4-0	305	25,181	3.3	835	3.6	910
Randi	RH	3-1	305	25,189	3 2	829	4.1	1040
Marlene	RH	5-5	281	23,171	3 2	759	4.2	990
Elvin L Kurtz								
Mandy	RH	4-7	305	30,230	3.1	951	3.1	951
Jasper	RH	4-7	305	24,110	3 1	765	3 6	879
Ivan Z Beiler								
Elmore	RH	4-2	305	29,931	3 1	945	3 2	971
Betsy	RH	4-0	305	25,373	3.1	800	3 0	785
Blossom	RH	5-4	267	25,213	3 1	793	3 3	843
Carl & Darlene								
37	GrH	3-2	305	29,473	3.2	944	3 1	938
128	RH	3-1	305	23,019	3.4	784	3 5	805
Jay Richard Groff								
54	GrH	9-2	305	30,539	3 0	925	3 0	937
John S Zimmerman								
31	GrH	4-8	305	28,645	3 2	921	4.0	1145
71	GrH	5-10	305	30,856	2.9	897	3 9	1209
4	GrH	3-2	305	27,404	3 0	833	3.6	1010
57	GrH	3-3	305	24,575	3 2	788	4 5	1126
Alvin W Sensenig								
13	GrH	4-2	305	29,141	3.1	920	3.1	917
24	GrH	5-2	305	19,086	3.9	744	4 8	920
Abram M Stoltzfus								
Jennell	RH	7-1	305	27,667	3.3	913	3.6	1018
Ruth	GrH	10-3	305	25,707	3.0	783	3 4	898
Pumpkin	GrH	10-1	305	21,691	3 4	744	3 2	707
Paul H Rohrer & Sons								
89	GrH	3-1	305	27,262	3 3	907	3 4	939
87	GrH	4-0	305	25,840	2 9	765	3 9	1024
43	GrH	5-4	305	26,102	2 8	744	3 5	921
Robert T Bowman								
Amy	RH	5-3	305	28,844	3 1	905	3 5	1011
Rodney Denlinger								
Mickey	RH	5-4	305	28,821	3 1	902	3 6	1058
Robbie	RH	4-4	305	27,659	2 8	778	3 3	927
We-Land Farm								
Jill	RH	4-4	305	29,054	3 0	893	3 6	1050
Alden	RH	4-1	305	23,823	3 4	826	4 2	1001
Dal Car Farm								
39	GrH	4-9	305	27,450	3 2	890	3 2	880
6	GrH	5-7	305	24,443	3 0	745	3 0	744
Spring Belle Farm								
Hilda	RH	6-11	305	28,247	3 1	887	3 8	1084
Balintine	RH	6-10	305	28,151	2 9	832	3 4	960

(Turn to Page E36)

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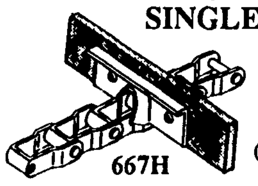
Akey	M90	—		
Allis Chalm	281-140S	236.14	330.83	312 58
Allis Chalm	299-180S	280.50	381 41	380.24
Badger	160	261.45	366 64	352.53
Badger	205	315.21	445 51	417.35
Badger	240	317.62	449 50	420 73
Badger	3260	319 67	456 65	428.59
Balzer	240	344 33	472 91	458 43
Balzer	440,515	326 73	480.78	423.68
Balzer	700	409.96	566 92	530.01
Case	180	289 27	396 64	384 04
Decker	100,101,301	239.67	327.03	318 57
Forage King	160	301.94	414.30	400.05
Farmhand	430,438	239 27	307.57	314 30
Farmhand	450	367.75	522.77	497.15
Gehl	180	267.55	373.35	357.32
Gehl	250	329.31	449.81	438.85
Gehl	350	283 29	362.25	333 21
Gehl	500	309 99	425.35	399.81
H & S	180,220	282.35	396.78	375.04
H & S	295	359.19	496.76	479.54
H & S	350	381 47	540.97	513.30
Int. Harv.	150,155,160	251.61	352.54	333.80
Int. Harv	530	226 36	311.33	297.76
Int Harv	550,555	298.43	421.34	401.22
Int Harv	570,575	246 28	344.51	321.79
Int Harv.	595	315.20	442.47	404.72
John Deere	34	233.83	323.19	309 03
John Deere	40	249 21	346 28	330.94
John Deere	54	—	440.27	—
John Deere	660	328 60	448.69	442.17
John Deere	680	321 29	447.96	410.90
Kasten	175	279 91	378.71	373.05
Kasten	250	348.85	478 27	465 50
Kasten	270	329 31	448.02	438.65
Kasten	325,400	397 22	549 31	531.30
Knight	180	267 55	375.14	357 32
Knight	250,252	329 31	451.59	438.85
Knight	350	260 28	364.72	333.59
Knight	500,510	309 99	425.35	399.81
Knight	650	364 92	505.27	475.65
Massey Ferg	160	250 93	330.97	333.57
Massey Ferg	205	315 21	445 51	417.35
Massey Ferg	721	289.04	408.42	383 44
Meyers		POR	POR	POR
Miller	235,2140	310 23	424.44	412 95
New Holland	300-336	237 05	322.91	310.80
New Holland	510,511,512	246 19	343 86	327.69
New Holland	513,514	252.37	352 37	331 09
New Holland	516,517,518	295 66	415 38	398 29
New Holland	519,520	303 05	425 71	409 58
New Holland	675,676,677	390 42	539 33	520 55
New Holland	679,680	400 31	552.71	535.59
New Holland	790,791	436 98	607.05	591 68
New Holland	795	317 89	447 79	410 19
New Holland	800	322 42	443.61	417.03
New Idea	212	232.80	321.40	309 03
New Idea	213,217	278 95	388 87	371 47
New Idea	214	324 08	440.40	432 42
New Idea	218,244	360 39	493.07	483 06
New Idea	224,245	411 43	588.29	513.63
New Idea	355	332 21	457.40	427.47
New Idea	360	230.75	317.83	304 36
Patz	181	283.27	399.23	379.48
Patz	350	396 32	545 43	535.91

FEED WAGON CONVEYOR CHAIN

MAKE	MODEL	PRICE MAIN CONVEYOR CHAIN	PRICE ELEVATOR CONVEYOR CHAIN	PRICE CROSS CONVEYOR CHAIN
Agrimetal	525	66.00	NO	57.00
Agrimetal	530CC	74.10	NO	45 00
Agrimetal	542CC	68.00	NO	52.00
Agrimetal	760CC	90.00	NO	57.00
Agripack		238.04	NO	NO
Artsway	155	464.80	NO	NO
Artsway	700,800	1670.00	NO	NO
Artsway	750,850	1887.00	NO	NO
Butlr Jamsway	180,230	NO	NO	294.50
Butlr Jamsway	280,320	NO	NO	297.50
Butlr Jamsway	370,420	NO	NO	297.50
Butlr Jamsway	330,3340	NO	NO	POR
Butlr Jamsway	380,460	NO	NO	297.50
Butler Jamsway	400,465,530	NO	NO	299 60
CSF	FL,FLHS	120.80	NO	NO
CSF	FIN	100.60	NO	NO
CSF	GI	83.60	NO	NO
Clay	Ranger Mangr	125.50	NO	47 75
Farmhand	F44A,210	342.00		325.00
Farmhand	F47A,220	342.00	486.00	NO
Gehl	135	POR	POR	POR
Gehl	170	NO	NO	132.50
Gehl	190,191	398.00	392.00	NO
Gehl	280,320	NO	NO	132 50
Gehl	7190,7210	NO	NO	197.50
Gehl	7285,7335	NO	NO	197.50
Gehl	7435,7500	NO	NO	197.50
Grain-O-Vater	55	POR	NO	POR
Henke	Kwikmixer	NO	NO	148 50
Int. Harv.	200	1670.00	NO	NO
Int. Harv.	300	1870.00	NO	NO
John Deere	410	POR	NO	POR
Kelly Ryan	BIG	NO	NO	176.00
Kelly Ryan	Bagger 8',9' 2W-80,86 AG-PAC	POR	NO	176 00
Kelly Ryan	4x10,12	POR	POR	POR
Kelly Ryan	5x12,14	POR	POR	POR
Kelly Ryan	140,190,250	POR	POR	POR
Koehring (Fox)	512	396 00	410.00	NO
(Fox-Brady)	546	398 00	NO	NO
Knight	LA9C, BA12 BA14,BA16	NO	NO	199.50
Mohrlang	MTR 320	POR	POR	POR
Papec	170B	POR	460 00	POR
Schuler	100	390 00	522 00	NO
Schuler	105	420 00	526 00	NO
Schuler	120	415 00	522 00	NO
Schuler	125	548 00	526 00	NO
Schuler	170	504 00	552 00	NO
Schuler	175	776 00	526.00	NO
Schuler	260	942 00	666 00	NO
Schuler	400	1149.00	666 00	NO
Schuler	500	1349 50	666 00	NO
Schwartz	130	POR	398.00	NO
Schwartz	180	POR	POR	NO
Schwartz	191	POR	POR	NO
Schwartz	750,950	NO	NO	206 00
Schwartz	760,780	NO	NO	298 00
Schwartz	780L	NO	NO	253 00
Schwartz	780S	NO	NO	206 00
Schwartz	880	NO	NO	255 00
Uebler	650	POR	NO	66 00
Uebler	770	POR	NO	64 00
Uebler	780,781	91 50	NO	64 00
Uebler	790	POR	NO	62 50
Uebler	808	78 50	NO	NO
Uebler	810	79 75	NO	NO
Uebler	812	88.50	NO	NO
Uebler	818	175 00	NO	NO
Uebler	820	298 00	NO	NO
Uebler	822	364.00	NO	NO
Van Dale	185	POR	NO	169 50
Van Dale	210-500	NO	NO	196 60
Weaverline	323,420	68 50	NO	NO
Weaverline	330,424	84.50	NO	NO
Weaverline	430	68 50	NO	NO
Wic	32	POR	NO	POR
Wic	45-03-88	348 00	NO	NO
Wic	45-08-86	85 00	NO	POR
Wic	45-09-86	74 00	NO	POR
Wic	52	170.00	NO	POR
Wic	07-88	182.00	NO	NO

FORAGE BOX CONVEYOR CHAIN

MAKE	MODEL	67H APRON PRICE STEEL DETACH	667H APRON PRICE PINTLE CHAIN	PRICE STEEL DETACH CROSS CONVEYOR CHAIN	PRICE PINTLE CROSS CONVEYOR CHAIN
A-C		295 86	309 39	—	—
Artsway	17142-0	266 94	284.46	—	—
Badger	BN23 16'	237.94	254.09	118.32	207.92
Badger	BN24 18'	269 18	289.85	118 32	207 92
Badger	BN950 14'	237.94	254.09	111.51	200.55
Balzer	6516	231.95	245.48	POR	POR
Danco	16'	266 09	281.48	107 43	193 91
Dion	14'	262.83	278 22	—	—
E-Z	716	—	—	100.95	178 63
Fox	WB 16A	259.55	276.12	100.35	180 07
Fox	625	260 95	276.34	100 31	180 07
Gehl	80,81,82	227.58	243.24	128.17	236 57
Gehl	83,84,86	227.58	243.24	128.17	236.57
Gehl	610,620,630	265.57	283.08	107.43	198 63
	640,16'	265 57	283.08	107.43	198 63
Gehl	700,710,810	238.03	253.68	107.43	198.63
	910,920,940,	238 03	253.68	107 43	198 63
	960,14'	238 03	253.68	107.43	198 63
Gehl	970 16'	270.03	287.54	115.96	207.72
H&S	500 16'	261.46	276.85	103.22	190 07
Heston	7322 16'	264.89	280.28	POR	POR
Int. Harv.	51 16'	310.02	325.41	127.61	231.37
Int. Harv.	105,110, 16'	261 29	276.68	—	—
Int. Harv.	120,14'	233 01	246.54	—	—
Int. Harv.	130,15'	242.25	259.08	—	—
Int. Harv.	61	236 46	255 27	—	—
J Deere	110	445 59	574 64	118 37	216 29
J. Deere	112,122	195.53	210.43	127.61	231.37
J Deere	115,125	240 67	260.05	127.61	231 37
J. Deere	214, 14'	229 38	242 91	127 61	231 37
J. Deere	216 16'	260.77	276.16	127.61	231.37
J Deere	714	232 26	245.78	144 79	263 11
J Deere	716	264 03	279.42	144 79	263 11
Kasten	20 14'	230.14	243.67	—	—
Kasten	Pwr. Box 16'	261 63	277 02	—	—
Knight	14-7	202.36	219.92	115.70	202 82
Lamco	Rex 14'	234 23	247.75	97.23	174 83
Meyers	516	309 08	322.99	116 44	201 32
Miller	Pro 2150	237.30	252.43	102 33	184 09
NH	3	139 65	299.10	132 15	231 27
NH	6	299 75	247.00	105 92	170 18
NH	8	263.69	279.08	107 95	196 43
Papec	140	233 59	252 40	—	—



SINGLE CONVEYOR CHAIN

w/Rubber Paddle 10% "

$6.98

(For Butler, Jamesway, Clay, Etc.)

ROLLER CHAIN

Chain No.	Riv.	Cot.
35	1 07	—
40	1 10	—
50	1 52	—
50H	2 82	—
60	1 87	$4 10
60H	2 62	7 47
80	3 73	5.38
80H	6 23	9 98
100	5 99	7 75
120	9 18	11 53

AGRICULTURAL ROLLER CHAIN

CHAIN NO.	PRICE/FT.
A550	5 32
A555	5 32
A557	6 74
A620	6 78
CA550	5 32
CA551X	9 80
CA555	5 32
CA557	6 74
CA620	6 00

T-BAR CHAIN & T-ROD CHAIN

MODEL	PRICE
T67 Plain	$ 85
T-67 Attach	1 86
T-88 Plain	1 46
T-Rod Plain	.82

PINTLE CHAIN

CHAIN NO.	PRICE
205	$3 18
662	3 86
667H	3 74
667J	6 02
667K	7 50
667KC	9 34
667X	5 46
667XC	6 52

STEEL DETACHABLE CHAIN

CHAIN NO.	PRICE FT.
25	$1.13
32	1 17
32W	1.27
42	1 37
50H	1 50
55	1 35
62	1 89
67H	2 58
67XH	3.27
70	2 80
88	2.98
S	2 67

GATHERING CHAIN

MAKE		PRICE
JOHN DEERE	243,244,343 344,443,444, 543,546,642, 643,644,645, 842,843	$25 20
IH	All 800 Series	25 20
New Idea	723-726	40 49
	843-846	35.10
Massey Ferg		30.18

NH FLOOR BALER CHAIN

MODEL	PRICE
845	$57 20
846,847	57.09
850	80 36
851,852	67 13

NH UPPER BALER CHAIN

MODEL	PRICE
845	$379 44
846,847	395.79
849	578 30
850	456 72
851,852	563 53
855	1104 30

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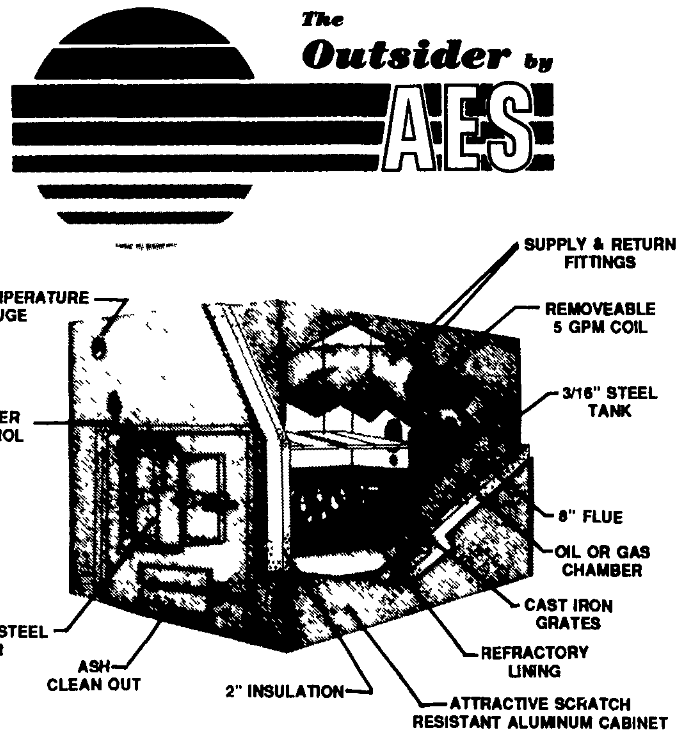
Lancaster Co. DHIA

(Continued from Page E35)

Vernon R Umble & Son								
Edna	RH	4-2	305	26,332	3.3	880	3.7	998
Page	RH	3-8	305	23,244	3.3	782	3.5	816
Sadie	RH	7-0	305	22,921	3.3	757	3.9	899
Chiclet	RH	4-7	305	22,972	3.2	750	3.9	905
Ralph Petersheim								
Annie	RH	3-5	305	25,399	3.4	873	2.9	758
Robert H Rohrer & Sons								
258	GrH	5-2	305	28,417	3.0	871	3.2	910
355	GrH	4-2	305	26,776	3.0	808	3.4	918
17	GrH	4-3	305	24,467	3.2	797	3.6	897
80	GrH	5-1	305	24,390	3.1	776	2.9	730
31	GrH	3-2	305	23,123	3.2	743	3.7	859
Glenn F Shenk								
Ida	GrH	5-7	305	27,740	2.9	810	3.5	973
Sharada	RH	3-4	305	23,522	3.1	749	3.7	872
Jay E Landis								
Charity	RH	7-8	305	27,019	2.9	809	3.6	987
LuJerri	RH	4-4	305	21,974	3.3	745	4.0	884
Abraham Shelly Jr								
Lassie	RH	4-3	305	25,887	3.1	809	3.4	892
Marvin S Nolt								
22	GrH	5-4	305	24,395	3.3	809	4.0	987
Amos B Stoltzfus Farm								
Echo	GrH	6-4	297	25,364	3.1	808	3.4	878
John E Coleman Jr								
Bridget	RH	3-10	305	26,849	2.9	800	3.3	897
Lenewood Farm								
Pamper	RH	3-6	305	23,491	3.4	800	3.8	911
Weaver Homestead Farm								
68	GrH	3-3	293	29,366	2.7	798	3.9	1172
21	GrH	3-6	305	26,217	2.9	763	3.9	1036
3	GrH	3-2	289	25,713	2.8	738	3.6	925
Dave & Jodi Findley								
Janet	GrH	7-4	305	26,058	3.0	798	4.1	1068
Magesty	RH	6-6	305	24,333	3.0	743	3.3	816
Kenneth L Balmer								
Maude	GrH	3-4	305	25,166	3.1	798	2.8	728
P Robert Wenger								
Candice	RH	4-1	305	24,270	3.2	798	4.0	985
Bennie L Fisher								
19	GrH	3-2	305	24,258	3.2	798	2.9	713
Homer G Hess								
Kris	GrH	5-6	305	28,311	2.8	797	3.3	946
Pansy	GrH	5-5	305	24,451	3.2	787	4.0	987
Kenneth D Myer								
Rose	RH	6-7	305	25,120	3.1	797	3.5	900
Douglas L Hawthorne								
105	GrH	7-5	305	28,244	2.8	796	3.0	870
44	GrH	3-3	305	26,588	2.9	772	3.2	866
176	GrH	2-4	305	24,083	3.2	770	4.0	968
Robert N Brandt								
87	GrH	5-0	305	27,366	2.9	795	2.8	788
98	GrH	3-6	305	24,432	3.0	738	3.6	886
Conestoga Farms								
Happy	RH	7-2	305	23,592	3.3	793	4.2	1000
J Harold Musser & Son								
179	RH	6-1	305	26,686	2.9	782	3.3	880
Galen W Crouse								
Hazel	RH	7-4	305	24,815	3.1	780	3.5	889
JS Smucker & Sons Farm #1								
776	RH	4-0	305	26,857	2.9	779	3.6	978
Melvin R Eby								
Petrina	RH	6-9	305	26,563	2.9	779	3.0	811
Norman B Rutt-Son								
125	GrH	8-9	305	25,715	3.0	777	3.2	833
Ivan S Ringler								
264	GrH	7-2	305	23,598	3.2	776	3.8	901
249	GrH	6-3	305	22,575	3.3	747	3.8	857
Aaron S Glick & Sons								
54	RH	7-10	305	26,143	2.9	775	3.4	908
75	GrH	7-6	305	24,087	3.1	749	3.2	792
43	GrH	5-11	305	24,160	3.0	730	2.9	711
David R Wenger								
Hilda	GrH	4-3	305	27,403	2.8	774	2.8	778
Mimi	RH	3-10	305	24,040	3.0	739	3.1	748
Walter M Hurst								
156	GrH	3-2	294	25,702	3.0	773	2.8	737
Neffdale Farm								
Maxi	RH	6-5	305	23,839	3.2	773	3.6	858
Amos W Breneman								
Dinah	GrH	10-4	305	23,301	3.3	773	3.5	817
Walnut Run Farm								
637	GrH	4-2	305	27,065	2.8	771	4.5	1222
741	RH	3-4	305	25,854	2.8	747	3.3	867
Delmar & Susan Weaver								
Archie	RH	4-6	305	26,171	2.9	771	3.1	820
Fay 121	RH	5-5	305	25,973	2.8	739	3.2	846
Noah Kreider & Sons								
256	GrH	8-3	305	25,750	2.9	771	3.2	844
713	GrH	4-1	290	22,717	3.2	743	3.7	843
381	GrH	3-6	305	24,456	3.0	740	2.7	671
669	GrH	3-2	305	23,186	3.1	735	3.5	831
Omar Smoker								
Holly	RH	3-1	305	23,845	3.6	873	3.2	784
Violet	RH	6-5	305	26,373	3.2	864	3.5	945
Lucy	RH	5-10	305	21,482	3.4	733	4.3	935
J Ray Ranck								
Sheba	GrH	5-4	305	26,785	3.2	859	3.5	940
Rufus	GrH	4-9	305	24,939	3.3	822	3.6	908
Leonard J Stoltzfus								
Freedom	RH	9-2	305	25,750	3.3	856	4.0	1053
Glamor	RH	5-3	305	23,320	3.2	760	3.9	911
Jasper	RH	4-3	305	20,522	3.5	732	4.8	998
Donald R Bare								
58	RH	3-9	305	24,454	3.5	855	3.9	976
43	RH	6-5	305	26,737	3.1	848	3.3	901
80	RH	7-7	305	27,520	2.9	818	3.4	937
96	RH	6-8	305	22,788	3.2	741	3.4	785
Ivan M Hursh								
Willow	RH	6-8	305	28,717	2.9	852	3.2	924
Lydia	GrH	6-11	299	26,434	3.0	803	3.9	1046
Nettie	GrH	9-11	305	22,433	3.4	762	4.0	909
Merrill E Nolt								
20	GrH	4-2	305	26,971	3.1	850	3.6	980
12	GrH	4-5	305	23,042	3.1	731	3.5	806
Marvin J Zook								
Darla	RH	5-1	305	26,923	3.1	849	3.5	962
Ruby	RH	7-0	302	26,726	2.8	761	3.4	915
Graywood Farms								
206	GrH	3-1	305	26,538	3.2	848	2.7	737
17	GrH	6-3	298	25,784	3.1	800	3.2	849
341	GrH	4-4	305	21,826	3.6	796	4.0	877
194	GrH	3-0	305	25,634	2.9	759	3.8	718
57	GrH	5-0	305	21,660	3.4	736	3.6	796
S Myron Martin								
73	RH	4-4	302	25,737	3.2	847	3.3	850
John P Lapp								
Angela	RH	3-2	305	28,420	2.9	846	3.0	879
Nelson W Nolt								
48	RH	5-4	305	25,397	3.3	845	3.6	938
Gerald Martin								
Elaine	RH	5-0	305	26,699	3.1	844	3.2	872
Brandyvale Farm								
Sonata	RH	6-5	305	27,527	3.0	841	3.2	905
Julia	RH	6-2	305	25,655	2.8	730	3.3	864
John L Landis								
289	GrH	4-0	305	26,082	3.2	838	3.3	874
338	GrH	3-6	305	25,517	3.1	795	4.1	1047
191	GrH	3-2	305	23,707	3.2	759	2.5	608
13	GrH	2-11	305	26,151	2.8	746	2.5	672
Paul S Horning								
Hazel	GrH	4-2	305	28,907	2.9	837	3.4	984
Wilmer L Shertzer								
82	RH	3-2	305	25,439	3.2	835	2.8	712
31	GrH	3-10	305	25,665	3.1	805	3.2	840
91	RH	4-5	305	24,881	3.1	790	2.9	734
6	RH	4-4	305	24,844	3.0	765	3.4	866
41	GrH	3-3	305	23,721	3.2	759	3.0	732
John Omar Stoltzfus Jr								
Cindy	RH	3-7	305	26,347	3.1	834	3.8	1026
Thomas C Lapp								
Sandy	RH	4-6	305	26,426	3.1	832	3.0	801
Puzzle	RH	7-2	305	25,872	2.9	761	3.6	931
JS Smucker & Sons Farm #2								
744	RH	4-5	305	25,666	3.2	831	3.8	977
Oberholtzer & Zimmerman								
16	RH	4-8	305	24,927	3.3	827	4.0	1002
Best Brothers								
83	GrH	5-9	305	22,949	3.5	823	4.4	1018
Dale Weiler								
Jody	RH	3-4	305	26,767	3.0	820	3.2	874
Annette	RH	4-3	288	27,431	2.9	801	3.3	924
Beauty	RH	4-3	305	23,676	3.3	785	3.3	800
Marvel	RH	3-11	305	23,905	3.1	759	4.5	1088
Jonas O Sensenig								
10	GrH	5-1	305	25,992	3.1	816	3.9	1021
Running Springs Farm								
Ness	RH	4-4	305	24,895	3.2	815	3.8	959
Sibel	RH	6-2	305	29,845	2.7	805	2.9	875
Kenneth R Martin								
11	GrH	4-0	302	27,347	2.9	812	2.7	753
10	GrH	4-0	304	22,626	3.3	747	3.9	889
Aaron R Zeiset								
5	RH	5-6	305	25,711	2.9	770	3.8	1001
61	RH	4-2	298	25,047	3.0	753	3.3	840
Lapp Valley Farm								
Ivanna	RH	4-2	305	24,060	3.2	770	3.8	925
A Dale Herr								
49	GrH	6-11	305	24,094	3.1	769	4.0	967
78	GrH	5-6	305	23,748	3.0	730	3.4	816
Quarry Edge Farm								
Darla	RH	3-3	305	24,885	3.0	768	3.3	824

(Turn to Page E37)



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Lancaster Co. DHIA

(Continued from Page E36)

Sol S Stoltzfus								
Heather	GrH	3-6	305	22,602	3 3	767	3 3	751
Edwin J Landis								
Alberta	GrH	5-2	305	23,690	3 2	766	3 6	867
Flossie	GrH	5-3	305	22,705	3 2	748	4 1	946
Robert & Linda Sensenig								
52	GrH	4-2	305	22,031	3 4	766	4 1	916
Stephen J Stoltzfus								
Sandy	GrH	5-0	305	23,538	3.2	765	3 4	805
Glenn R Bushong								
Danelle	GrH	3-2	293	23,601	3 2	764	3 8	909
Welsh-Vista Farms								
84	RH	3-5	305	22,384	3 4	764	3 6	826
48	RH	6-9	305	23,430	3 1	739	3 5	826
Henry D Zimmerman								
19	GrH	6-2	305	25,144	3 0	763	3 3	846
149	GrH	8-2	305	25,681	2 9	756	3 1	816
David Z Horst								
Jenifer	RH	3-7	305	23,953	3.1	763	3 8	928
Clifford & Joyce Blank								
Rhonda	RH	6-5	288	24,493	3 1	762	3 2	794
LeRoy M Oberholtzer								
59	GrH	4-1	305	25,056	3.0	759	2 8	710
Leon N Sensenig								
80	GrH	5-5	305	24,636	3 0	759	3 0	745
21	GrH	4-0	289	21,503	3.4	740	3.6	786
11	RH	5-9	305	23,818	3 1	738	3 6	857
83	GrH	3-0	305	22,319	3.2	734	3.2	732
Ivan S Stoltzfus								
Peg	RH	4-3	305	25,552	2 9	758	2 9	759
King-Ridge Farm								
Esther	RH	4-7	305	25,507	2.9	758	3 6	929
Jeffrey L Aungst								
Nan	RH	3-4	305	23,928	3 1	757	3 5	843
Apollo	RH	3-10	305	24,183	3 0	740	2 8	696
John Allen Wenger								
27	GrH	8-10	305	23,671	3 2	757	3 8	902
Marvin K Witmer								
Louann	RH	3-1	305	22,523	3 3	757	3 7	843
Jonathan B Stoltzfus								
62	GrH	4-11	299	25,281	2 9	756	3 6	922
Nelson H Hershey								
140	RH	7-8	281	24,767	3 0	756	3 3	818
Harvey W Stoltzfus								
Mona	RH	3-5	305	21,691	3 4	756	4.3	938
Maplebrink Farm								
4	GrH	6-1	305	23,900	3.1	755	3.6	861
41	GrH	5-10	302	23,853	3.1	744	3 3	798
David Ira Stoltzfus								
Noami	GrH	3-11	305	23,594	3 1	753	3 7	889
Bob & Karen Gochenaur								
38	RH	[illegible]	300	25,912	2 9	752	3 8	996
Tom Zartman								
108	RH	5-1	305	25,239	2 9	752	3 4	879
Ar-Len Farm								
Bessie	RH	3-4	305	27,002	2 7	751	3 3	891
Ammon E Reiff								
Mars	RH	3-9	304	21,056	3 5	750	3 4	719
C Robert Greider								
341	GrH	5-1	305	25,202	2 9	749	2 9	751
308	GrH	5-2	305	23,420	3 1	739	3 8	909
Dan L Stoltzfus								
Penny	RH	5-6	305	23,434	3 2	749	4 0	937
Harry H Ranck Jr								
Cindy	RH	6-6	305	25,148	2 9	747	2 9	751
J Omar Beiler								
Verna	RH	5-7	305	24,634	3 0	746	3 1	772
New Acres								
57	GrH	5-1	305	24,471	3.0	746	2 9	716
Samuel B Smucker								
Sally	RH	4-0	305	20,760	3 5	745	4.5	949
Henry S Riehl								
Diana	GrH	5-4	305	23,430	3 1	744	3 7	875
Burnell W Nolt								
130	RH	3-1	305	20,932	3 5	744	4 0	837
Buchen Farms								
127	GrH	4-3	305	23,277	3 1	743	3 6	850
Reuben Z Beiler								
Penny	RH	2-11	305	22,096	3.3	743	3.8	847
Stephen L Hershey								
16	RH	4-0	305	26,024	2.8	742	3 6	952
John J Speicher								
94	GrH	4-0	305	25,873	2.8	742	3.4	897
R Edwin Harnish								
Tonya	RH	5-6	305	23,372	3.1	742	3.9	930
Paula	RH	5-4	305	23,290	3 1	732	4 6	1087
Harlan W Hoover								
145	GrH	3-7	305	24,089	3 0	741	3 3	803
Melvin K Petersheim								
17	GrH	3-2	305	23,343	3 1	740	3 2	757
Kenneth E Zunn								
895	RH	3-1	299	23,014	3.2	739	2 5	587
Carl L Martin								
Fay	RH	5-10	305	23,793	3 1	738	4 2	999
Richard N Sauder								
Diane	RH	4-5	305	23,295	3.1	738	4.1	966
Singing Maple Farms								
68	RH	3-2	305	24,136	3.0	737	3 3	806
Lee Nome Farm								
Lilly	RH	6-5	305	24,089	3 0	737	3 5	842
John Z Esh								
Tis Tis	RH	3-4	305	24,914	2 9	736	2 8	719
David & Robin Dum								
322	RH	5 4	275	22,786	3 2	735	3 6	828
Penn Har Va Farms								
35	GrH	8-3	305	22,744	3 2	735	3 8	868
Bubbles	RH	4-3	305	23,311	3 1	734	3 5	821
John & Nanci Bollinger								
Dolly	GrH	4-2	305	24,324	3 0	734	3 6	895
J Elmer Stoltzfus								
Laura	RH	4-7	305	22,365	3 2	734	3 0	679
Philip & Kim Hurst								
497	RH	3-11	305	21,948	3 3	734	3 1	696
Sandra Frey Thomas								
Joan	RH	3-1	300	23,030	3 1	733	3 5	825
Amos E Stoltzfus								
Emily	GrH	4-2	305	22,707	3 2	731	3 4	782
Shadytop Farm								
Alpine	RH	7-4	305	23,151	3 1	730	3 2	758

Northampton County DHIA
November, 1990
Rolling Herd Averages

Name	No. Cows	% Days In Milk	Milk Lbs.	3 Fat XLbs.	Protein Lbs.
Keystone Farm	86.7	86.5	24,204	906	782
Frank Miller Jr	56.1	88.8	23,324	853	762
Klein Farms	56.1	89.0	22,549	779	739
Richard W Smith & Sons	92.9	88.6	22,522	814	732
Excelsior Farm-Fleck	77.6	87.9	22,600	788	720
Karl Miller	72.2	83.9	21,945	676	698
Juniperdale Farm	74.9	87.5	21,100	734	685
Thaler Farms	140.1	88.0	20,137	749	655
John Bocko	57.9	88.0	19,488	748	624
Paul F Smith	73.2	83.7	18,936	619	608
Brewer Farms	65.1	84.1	19,072	721	608
Floyd & Barry Ott	73.6	86.1	18,801	652	601
Maple Grove Farm	163.0	85.7	17,885	676	583
John P Valkovec	47.6	87.7	17,761	643	574
James Heimer	25.5	87.0	18,335	632	564
The Old Homestead	44.5	84.7	17,357	546	564
Thomas L Young	23.3	88.3	16,277	631	560

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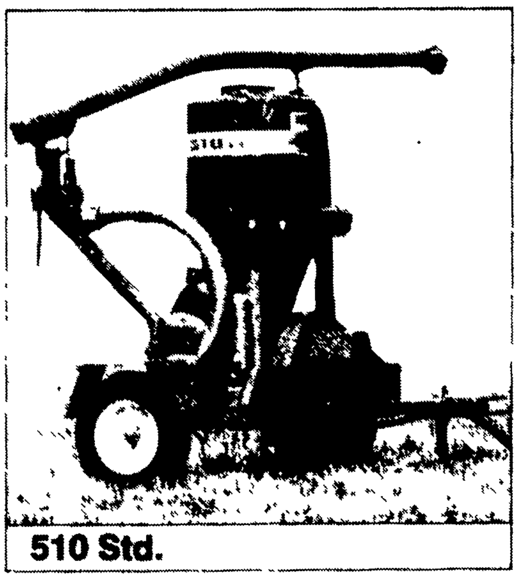

510 Std.

Capacities* For The Model 510 Standard
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Wheat...............2300-2500 Bu./Hr.
Soybeans.........1900-2100 Bu./Hr.
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Auto Makers See Importance Of Corn Fuels

WASHINGTON, D.C. — With recent passage of the Clean Air Act by the U.S. Congress, a significant step has been taken toward realizing the environmental benefits of cleaner-burning oxygenated fuels.

With that action, however, is a growing awareness among the nation's major automakers about the benefits of ethanol as a cleaner-burning fuel.

While every major automobile manufacturer in America now recognizes the performance attributes of ethanol by warranting the use of properly blended formulated gasoline/ethanol blends in their vehicles, auto manufacturers have also come to realize the need to use fuel oxygenates as part of a clean air strategy.

Prior to 1980, few auto manufacturers even mentioned ethanol or other oxygenates in their owner's manuals because their use as fuel components was minimal. However, with increasing consumer acceptance and the availability of more comprehensive technical data about ethanol, auto manufacturers developed a recognition of the performance and environmental benefits of ethanol and started including language in their vehicle owner's manuals acknowledging the acceptability of such fuel in their vehicles. As a result, the warranty language pertaining to ethanol and other oxygenates in auto manuals has grown more favorable.

In addition to recognizing the performance standards of ethanol, auto makers have come to realize the need to use fuel oxygenates as part of a comprehensive national clean air strategy.

In years past, most of the burden of reducing pollutants from automobiles (and the fuels that power them) had clearly been placed on the auto manufacturer. While such a strategy has had some success (it's been proven that since the introduction of exhaust and evaporative emissions controls, vehicle pollution has been reduced significantly: carbon monoxide and hydrocarbon emissions from vehicles have been reduced 96%; nitrogen oxide emissions have been reduced 76%), the few remaining clean air benefits automakers can achieve are technologically difficult and costly.

This means that if further environmental gains are to be made in the realm of vehicle emissions, it is now necessary to look to the fuel industry to provide cleaner fuels. This recognition of the limits of future environmental improvements through technology is one of the primary circumstances prompting a growing number of automakers to note the benefits of oxygenates in reformulated fuels.

The most recent example of this was the announcement of the Chrysler Motor Corporation of new wording of their fuel recommendations contained in their 1991 model year (MY) vehicle owner's manuals to reflect their support of attempts to provide cleaner air. Chrysler products include the Dodge, Plymouth, and Eagle nameplates. Specifically, their new fuel recommendations regarding oxygenates reads:

Chrysler Corporation
/Jeep, Eagle
Gasoline/Oxygenate Blends

- "Some fuel suppliers blend gasoline with materials that contain oxygen such as alcohol and MTBE. The type and amount of oxygenate used in the blend is important."
- "The following are generally used in gasoline blends:"
- "ETHANOL- (Ethyl or Grain Alcohol) properly blended, is used as a mixture of 10% ethanol and 90% gasoline. Gasoline blended with ethanol may be used in your vehicle."
- "METHANOL- (Methyl or Wood Alcohol) is used in a variety of concentrations when blended with unleaded gasoline. You may find fuels containing 3% or more methanol along with other alcohols called cosolvents."
- "DO NOT USED GASOLINE CONTAINING METHANOL"
- "Use of methanol/gasoline blends may result in starting and driveability problems and damage critical fuel system components."
- "MTBE- (Gasoline and MTBE (Methyl Tertiary Butyl Ether) blends are a mixture of unleaded gasoline blended with MTBE may be used in your vehicle."
- "CLEAN AIR GASOLINE- In some areas of the country where carbon monoxide levels are high, gasolines are being treated with oxygenated materials such as MTBE and ethanol. Chrysler Motors supports these efforts toward cleaner air. You can help by using these blends as they become available."

The Renewable Fuels Association wishes to commend Chrysler Motors for their support of oxygenated fuels as an effective method of controlling carbon monoxide emissions.

The passage of the Clean Air Bill and the growing recognition among automakers as to the benefits of ethanol and other oxygenates are significant steps in the reformulation of gasoline to create a more environmentally acceptable fuel for existing and future automobiles.

Chrysler joins General Motors (GM) who, in 1990, began recommending oxygenated fuels for use in their cars. In 1990 the fuel recommendation section of the vehicle owners manual for all GM products (Chevrolet, Buick, Oldsmobile, Cadillac and GMC) carried the following language:

General Motors Corporation

- "What about gasoline with blending materials that contain oxygen, such as MTBE or alcohol?"
- "MTBE is 'methyl tertiary-butyl ether'. Fuel that is no more than 15% MTBE is fine for your vehicle."
- "Ethanol is ethyl or grain alcohol. Properly-blended fuel that is no more than 10% ethanol is fine for your vehicle."
- "Methanol is methyl or wood alcohol."
- "Notice: Fuel that is more than 5% methanol is bad for your vehicle. Don't use it. It can corrode metal parts in your fuel system and damage plastics and rubber. That damage wouldn't be covered under your Warranty. And even at 5% or less, there must be 'cosolvents' and corrosion preventers in this fuel to help avoid these problems."
- "Gasoline for Cleaner Air. The fuel that you use can contribute to cleaner air. General Motors recommends that you use only gasolines treated with detergent additives that prevent deposit formation in your engine. These gasolines will help keep your engine in tune and your emission control system working properly."
- "The use of oxygenated materials in gasoline can also contribute to cleaner air, especially in those parts of the country where carbon monoxide and ozone levels

(Turn to Page E39)

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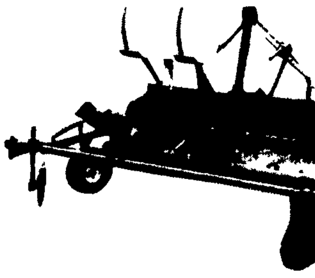

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Automakers See Importance Of Corn Fuels

(Continued from Page E38)

are high. Where available, General Motors recommends use of oxygenated compounds such as MTBE and ethanol in gasoline."

GM continues to support oxygenated fuels in their 1991 language. Minor revisions are made to their section on "Gasoline for Cleaner Air." That wording says:

• "If you use gasoline with detergent additives, it will help prevent deposits from forming in your engine. That helps keep your engine in tune and your emission control system working properly. It's good for your vehicle, and you'll be doing your part for cleaner air."

• "If you use gasoline with blending materials that contain oxygen, such as MTBE or alcohol, you can help clean the air. This is especially true in those parts of the country that have higher carbon monoxide and ozone levels."

• "Where you can, we hope you'll want to use gasolines with detergent additives and blending materials with oxygen."

• However, other manufacturers have also made recent changes to more clearly reflect their approval of using oxygenated fuels.

• For instance, Volvo has also changed the fuel recommendation wording in their 1991 model owner's manual as follows:

Volvo

• "Gasoline Containing Alcohol And Ethers 'Oxygenated Fuels' Volvo allows the use of the following 'oxygenated' fuels; however, the octane ratings listed on this page must still be met."

• "Alcohol-Ethanol: Fuels containing up to 10% ethanol by volume may be used."

Some manufacturers have even issued statements regarding oxygenated fuel use which were retroactive to previous model years. In preparing the fuel recommendation for their 1991 model cars, BMW made their wording applicable to all previous models operating on unleaded (1975 and later). The wording from BMW is as follows:

BMW

• "Statement from BMW- This statement will first appear in Model Year 1991 owner's manuals .... However, this statement is applicable to all BMW's which use unleaded gas regardless of model year. This statement is an expansion/clarification of our previous statements.

Therefore, although the older statement appears in 1990 owner's manuals, it is superseded by this new statement which is effective immediately."

• ".... Fuels containing up to and including 10% ethanol or other oxygenates with up to 2.8% oxygen by weight ... will not void the applicable warranties respecting defects in materials or workmanship."

Other auto manufacturers whose owner manuals approve of the use of properly formulated ethanol blends include Ford, Alfa Romeo, Honda, Hyundai, Mercedes Benz, Subaru, Mitsubishi, Nissan, Peugeot, Porsche, Saab, and Toyota.

In fact, every major automobile manufacturer who sells cars in America permits the use of properly formulated gasoline/ethanol blends.

While the recent changes in warranty language regarding the use of ethanol and other oxygenates is both welcome and encouraging, it is equally significant that many of the automakers — GM and Chrysler as examples — are going the extra mile and suggesting that ethanol and other oxygenates can create a more environmentally acceptable fuel for existing and future automobiles. The RFA applauds those efforts.

Food Service Use Of Pork Jumps 25 Percent

DES MOINES, IA— The foodservice industry increased its usage of pork 25 percent during the 12 months ended April, 1990 compared to the same period in 1988, according to a just released checkoff-funded study. In fact, foodservice usage now accounts for 48.3 percent of the total U.S. pork production.

"Foodservice in general is the largest growing segment of the food industry and an area producers have designated as highly important to meeting the industry goal of making pork the meat of choice by the 21st Century," said National Pork Board President Hilman Schroeder, a pork producer from Sauk City, WI.

The study showed some 70 percent of the foodservice operators now identify pork as The Other White Meat®, up from 58 percent recorded during the same period a year ago.

"The checkoff-funded Pork-The Other White Meat® campaign has definitely not only made an impression with general consumers but with the foodservice industry that pork is a healthy and versatile entree," said Schroeder.

Pork's growing popularity as a menu item in fast-food restaurants is one example of how foodservice is utilizing fresh pork in the 1990s. For the second year in a row, McDonald's, the nation's largest fast-foor retailer, ran a limited time promotion of the McRib™ sandwich. In addition, checkoff dollars are supporting in-store point-of-purchase material promoting McDonald's new Tender Pork and Biscuit breakfast. The in-store material, bearing the pork mark and the phrase "Supported by America's pork producers," is being displayed in the 500 southeastern McDonald's restaurants where the new menu item is now being offered.

Church's Chicken, the nation's second largest fast-food chicken restaurant chain, just completed a national roll-out of a pork chop dinner at its 1,100 outlets throughout the U.S. The restaurant's "Country Cookin' Pork Chop™ Dinner" is one of the pork industry's first entries into fast-food establishments that have based their initial reputation on chicken entrees.

Fenner Manheim®

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In Action

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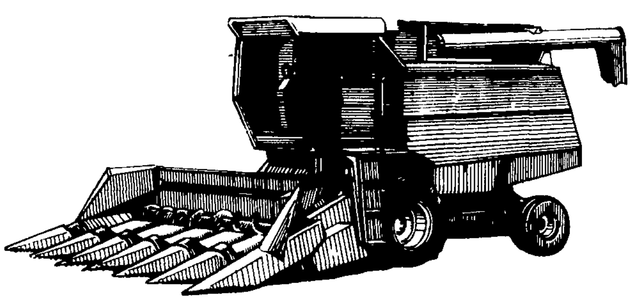

You're on the last five acres and it looks like rain? Suddenly a drive belt goes and you've got a problem. You don't have the right spare and the nearest dealer is either closed or doesn't keep parts for your machine.

An all too familiar story? It could have been avoided with a length of high-performance PowerTwist in the cab. PowerTwist V-belts have been tested on machines like yours and shown to be the ideal, quick-fix in the field.

For zero down time in the field, use PowerTwist V-belts.

PowerTwist V-belts are made from a high performance polyester/polyurethane composite material specially developed to handle tough drive conditions found on farm equipment. They combine extremely high strength with relatively low stretch and have the same horsepower ratings as conventional rubber V-belts.

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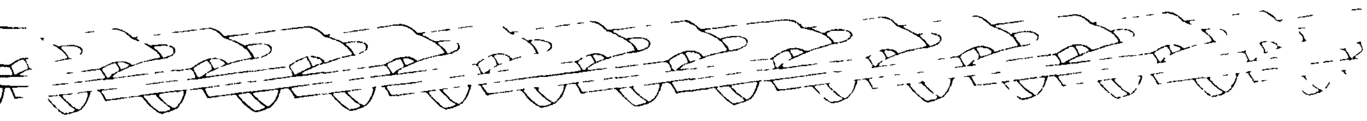

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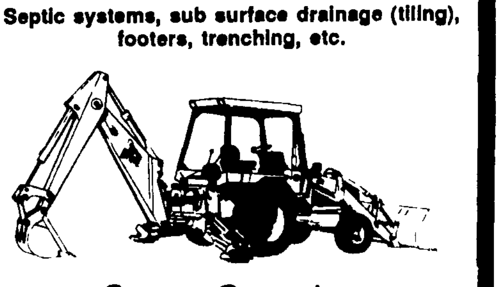

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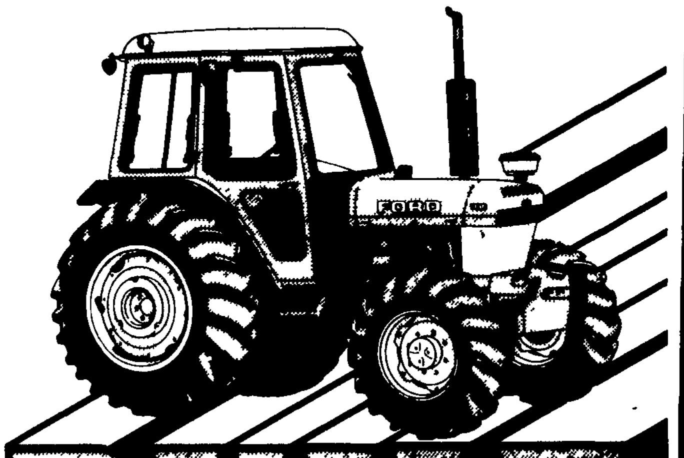

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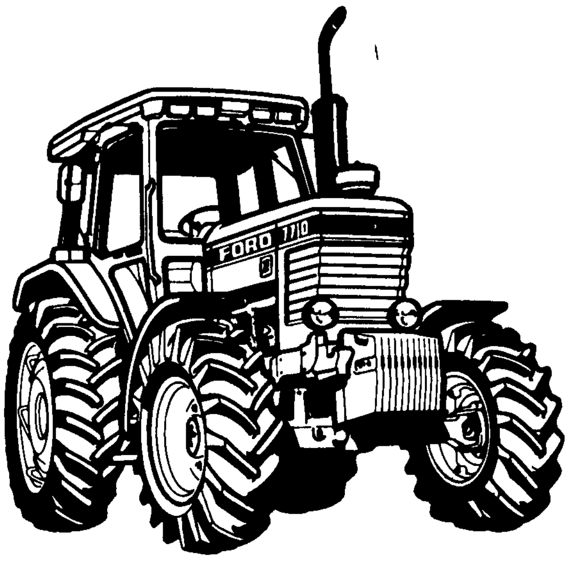

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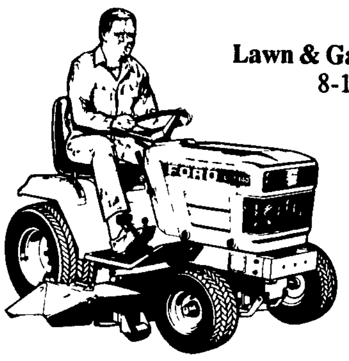

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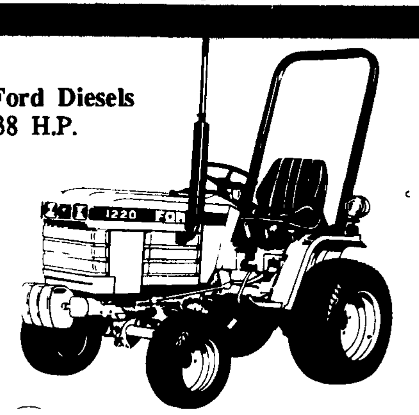

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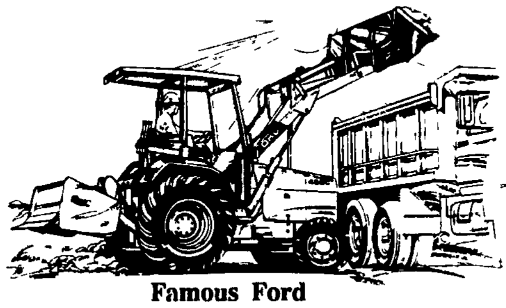

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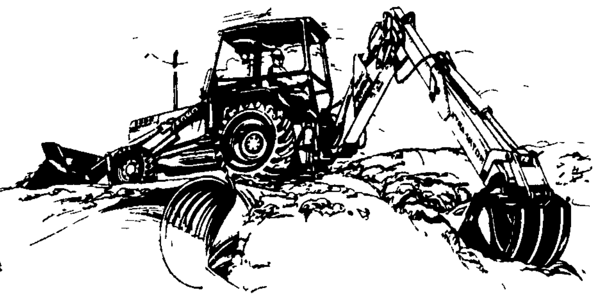

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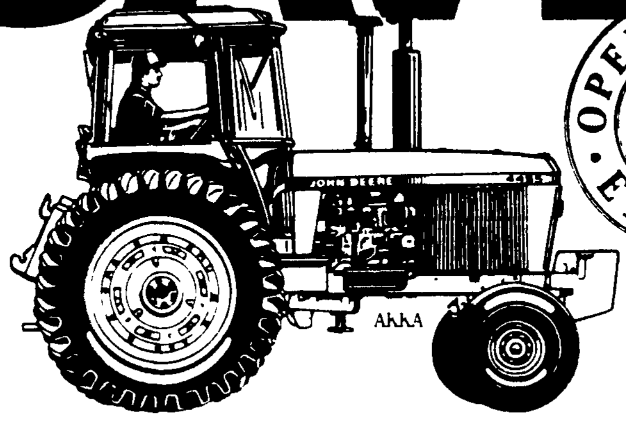

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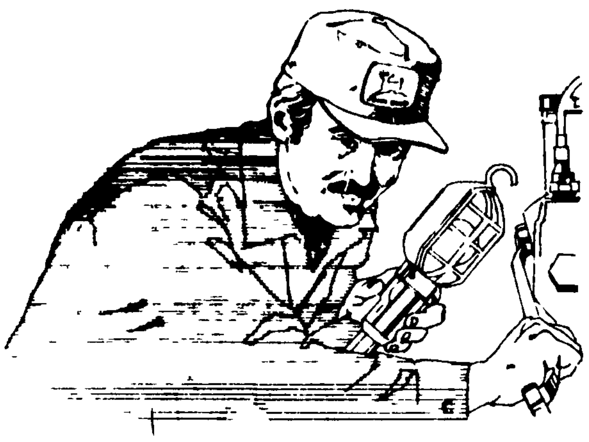

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Poultry Pointers

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RAPID GROWTH AND EFFECTS ON ANIMAL HEALTH

Herbert C. Jordan
Associate Professor
Of Poultry Science

Many years ago, live young poultry were grown or adult birds kept on range as well as in captivity.

Today, most poultry is kept inside a building all the time. When birds never have direct contact with range, they sometimes react negatively to the restricted environment.

In addition to being inside under pulsating fluorescent lights (in rare cases), the birds are selected and fed to grow fast. Some commercial strain crosses have been selected from the fastest growing or top two percent of parent populations for many generations.

In physics, weight times speed equals momentum. The live weight or fat attained in a short period of time or the growth is so great in some strains that other health disorders appear. Look for and make adjustments for the following if you see them:

- Cover eating disorder. Some meat birds from early age through maturity eat excessively, so they have to be restricted in their nutrient intake in some way. Heavy meat bird breeders may show this disorder.
- Obesity or excess fat. Fat in the carcass is especially true of capons. Keep excess fat off birds to keep them healthy. This fat can reduce sales in FFA or 4-H poultry projects. Net income in about 1/3 of all youth capon projects is lost or reduced due to unsolved problems arising as youngsters and parents are not able to manage a fast growing commercial strain cross as a capon.
- Leg weakness. Leg weakness may be due to being too heavy too young, to not getting enough physical exercise, to sitting on breast rather than walking, or for some other reason. This condition can be costly in 4-H poultry projects.
- Early death. The death of young birds up to 28 days of age is excessive on some farms. This mortality can also be due to trying to get meat birds too heavy too early.

Consider one or more of these as possible remedies:

- Use high quality non-polluted ingredients in feed but do not concentrate nutrients excessively. Keep fiber levels in feed high enough to improve gut health and improve manure quality.
- Allow birds space or room to exercise.
- Handle abdomen of 2-4 week old birds and repeat each week; if too fat, reduce their caloric intake.
- Allow birds to clean up feed twice a day.
- Stop feed waste into bedding or litter — it may help control litter eating.
- Post or necropsy all fresh dead birds and identify lesions.
- Place all sick birds in a hospital pen and observe them for a treatable disease.
- *Do not* purchase excessively fast growing strains of birds unless you know how to grow them.

Call your county agent or poultry extension specialist if you need help.

Penn State Showcases Urban Programs

HARRISBURG (Dauphin Co.)— A cross section of issues important to both rural and urban residents will be explored at Penn State's exhibit during the 75th annual Pennsylvania State Farm Show in Harrisburg, January 6-11, 1991.

As the world becomes increasingly urbanized, agriculture and extension programs are adapting to meet new needs and challenges. Penn State's exhibit will highlight urban programs in horticulture/landscaping and youth education. Penn State staff will be available to talk about the benefits of the plant, landscaping and nursery industries, and about new initiatives in 4-H and other youth education programs.

Another focus of the area will be waste management. Each day, Pennsylvanians generate about five pounds of waste per person. Visitors can learn how they can help reduce the waste stream by recycling, composting and making better purchasing decisions.

The uses of biotechnology in agriculture also will be featured at Penn State's exhibit. Although often complex and misunderstood, biotechnology can be a highly effective way to improve plants and animals. Penn State faculty members will be on hand to discuss the range of products and processes involved in current biotechnologic research, and to talk about changes biotechnology is likely to create for producers and consumers.

The risks and prevention of respiratory diseases on the farm will be another feature of the exhibit. Farmers can learn how to protect their lungs from harmful dust and chemicals. Interested visitors can have their lung capacity tested.

College of Agriculture faculty, staff, and students also will be available to answer questions about the college's many programs, publications and activities for people of all ages. Information will be provided about undergraduate programs in agriculture, the Pennsylvania Governor's School for Agriculture, and community-based extension educational opportunities. Staff also will be available to discuss Penn State's Independent Learning Program, which offers a wide range of learn-at-home correspondence courses.

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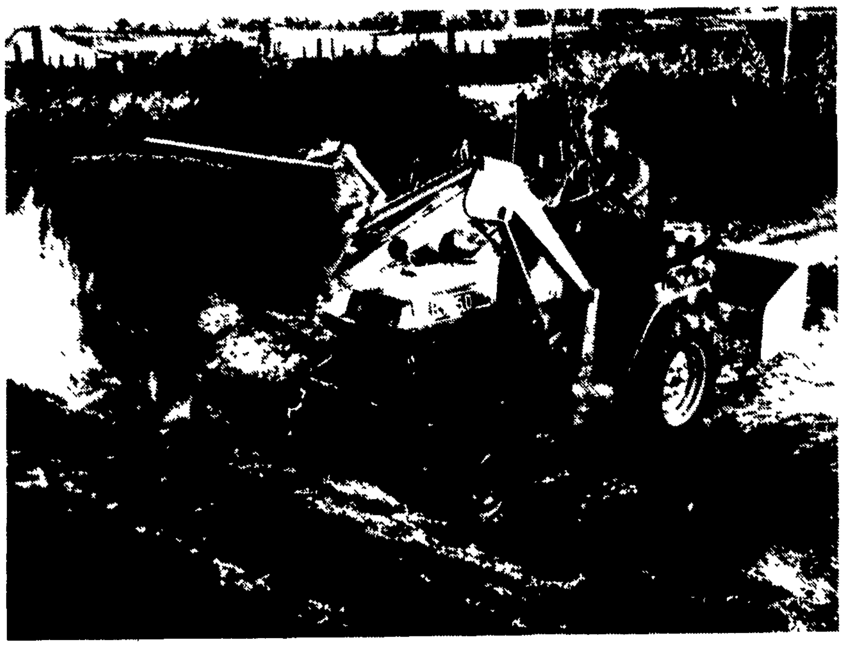

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Business News

Tobacco Industry Reports Record Trade Surplus

PRINCETON, N.J. — "The United States tobacco industry closed the 1990 fiscal year on September 30 with a record trade surplus of more than $5 billion, an increase of $1.1 billion (29.4 percent) over the previous record of almost $3.9 billion, set in fiscal year 1989 and 40.7 percent greater than the industry's surplus for fiscal year 1988," said Dr. Thomas C. Slane, vice president of the Tobacco Merchants Association of the U.S. Inc. (TMA).

The industry's fiscal year positive trade balance accounted for 28.3 percent of the nation's overall agricultural trade surplus of $17.7 billion in fiscal 1990. The U.S. Department of Agricultural recently announced that the total agricultural trade surplus was down $500 million from the fiscal 1989 agricultural trade surplus of $18.2 billion.

The 1990 fiscal year surplus was led by exports of tobacco products valued at a fiscal year high of nearly $4.5 billion. "Fiscal 1990's tobacco products balance was up $1.1 billion or 39.3 percent over fiscal 1989's figure of $3.2 billion," Slane said.

At $660 million, the balance of trade in leaf tobacco was up for the fiscal year, as increased leaf exports outweighed increased leaf imports. "Leaf exports of $1.4 billion were up 7.8 percent over fiscal 1989, while at $713 million, leaf imports increased 10.9 percent over 1989." said Dr. Slane. "The 1990 fiscal year balance of trade in leaf tobacco was up $28.6 million (4.5 percent), over fiscal 1989's figure of almost $631.4 million," said Slane. "These figures include imports of oriental leaf, a type of leaf that is not grown in the U.S. but is needed in the production of the American blend cigarette."

During fiscal 1990, imports of both leaf tobacco (including oriental) and tobacco products also increased. "Imports of leaf tobacco, at almost $713 million, increased $70.3 million (10.9 percent) over fiscal year 1989," said Slane. "Imports of tobacco products also increased more than $9.3 million (8.5 percent) over 1989 to $119.6 million this year."

Forage Producers Can Benefit From New Seed

YORK (York Co.) — Northeast forage producers can benefit from the syneregy of two recently introduced Seedway forage seed products.

Pea-kal and Double SS forage seed mixtures can produce high quality forage with superior protein production as individual crops. The two, in double crop combination, have shown the ability to produce volumes of home grown protein, surpassing corn silage by a ratio of approximately 3 to 1 on Northeast dairy farms.

Additional benefits, such as erosion control, elimination of herbicide use, and rapid utilization of manure, make the combination even more attractive when these solid seeded crops are compared to row crops.

Pea-kal is a premixed formulation of Canadian field peas and Trical brand triticale. Double SS is a premixed combination of forage sorghum and soybeans. Free technical information can be obtained by calling (800) 836-3720.

Ag Land Issues Meeting Set

HARFORD, Md.— The Harford County Extension Service, along with the Harford County Farm Bureau, will be sponsoring a special meeting session on land legislation issues on Wednesday, January 9, 1991 at 7 p.m. at the South Hampton Middle School on Moore's Mill Road in Bel Air.

Three major topics of most recent concern will be discussed. These include agricultural land preservation (statewide and local), non-tidal wetland, and Maryland's 2020 growth projected legislation. Representatives from federal, state, and local agencies will be present to present and discuss these issues in depth. A period of time has been provided at the conclusion of the meeting for a question-and-answer session.

Major land legislation has and will continue to impact land usage in the state of Maryland. Representatives of our state and local governments have the firsthand knowledge of the way this legislation will affect Maryland and specifically Harford County.

Anyone with land should be interested in and join the discussions on Wednesday, January 9.

To obtain further information on this meeting, please contact the Harford County Cooperative Extension Service at (301) 838-6000, ext. 255.

New Tomorrow For Soybean Farmers

ST. LOUIS, Mo.— On January 10, 1990, two weeks after tyranical leader Nicolae Ceasescu was slain, Romania's new agricultural officials contacted the American Soybean Association's (ASA) Vienna office to say they needed soybeans to help feed their starving citizens. That simple call set the tone for a momentous year for America's soybean farmers.

"We should look at 1990 as a blue ribbon year," said Merle McCann, ASA president and soybean farmer from Carson, VA. "We saw export opportunities brighten in Eastern Europe and the Soviet Union as those countries turned to free market economies for the first time in many decades. We saw domestic demand and use for soy products increase as people became more aware of the value of goods made with soy.

"Scientists developed a roadmap that will give America's soybean research efforts a new sense of direction," McCann said. "We received a marketing loan and greater planting flexibility in the 1990 Farm Bill." Most important, Congress passed the Soybean Promotion and Research Checkoff (SPARC) legislation which will put our first nationwide soybean checkoff into place in the summer of 1991.

Near-record yields this fall also gave many soybean farmers reason to shout. The 33.7-bushel per acre average was just below the record of 34.1 bushels set in 1985. These yields boosted total U.S. production for the year to more than 1.9 billion bushels. Exports for marketing year 1989-90 amounted to almost a third of that figure: 623 million bushels were exported between September 1, 1989 and August 31, 1990.

McCann cited several other soybean industry highlights for 1990.

- ASA's fourth annual supermarket survey indicated a switch from saturated fats in processed foods. Only 10 percent of 650 items surveyed in 1990 contained a saturated fat, down from 40 percent in previous surveys. Consumers searching for a healthy oil alternative fueled a 900 million-pound increase in soy oil consumption for the year.
- A little more than one year after it was introduced, ASA's green and gold SoyMark now adorns hundreds of foods containing soy oil. Forty-eight food manufacturers use the logo.
- Iowa State University at the encouragement of the Iowa Soybean Association and ASA formed a Soybean Trait Modification Task Force, which placed economic values on modifications of soybean's oil and protein fractions. "The task force report will help soybean farmers and other funding bodies target those projects which can have the greatest impact on the soybean industry," said Keith Smith, ASA staff vice president for research.
- This year's LANCE (Latin American Animal Nutrition Center for Continuing Education) Project attracted more than 60 high quality participants from several countries throughout Central and South America. LANCE provides intensive training to help these livestock specialists improve their operations' efficiency and productivity.
- Five years ago, soy ink wasn't even on the market. Today more than one third of all 9,100 newspapers in the country use the product. Three years ago only one company made a soybean oil ink. Now 28 produce at least one soy-based product.
- ASA played a key role in the first East-West Feed Industry Conference in Budapest, Hungary in June. More than 400 delegates from 31 countries discussed opportunities to improve Eastern Europe's feed producing sector and increase its use of ingredients such as soybean meal.
- President George Bush in mid-December granted up to $1 billion in export credits to the Soviet Union for purchases of soybeans, soy products, and feed grains. Bush's action was a response to mounting pressure from ASA, Congress, other ag groups, and a direct request for aid from former Soviet Foreign Minister, Eduard Shevardnadze.
- President Bush in November signed the 1990 Farm Bill making soybean farmers' first nationwide checkoff a reality. "Our old system of voluntary state checkoffs created markets and generated demand for our soybeans, but SPARC will create profit opportunities we've never had before," said Sandy Ludeman, president of the American Soybean Development Foundation and a farmer from Tracy, MN.

Keystone Appoints Buss

SHOEMAKERSVILLE (Berks Co.)— Edward Buss has been promoted to branch manager of the Tatamy office of Keystone Farm Credit, ACA. The announcement was made by Dianne Seidel, vice president/eastern operations.

A native of Newburg, Northampton County, Buss was raised on his family's potato, beef, and chicken farm. His secondary education was in the Nazareth Area School System. He continued his education at the University of Connecticut from which he was graduated in 1966 with a B.S. in animal husbandry

As a youth, Buss spent eight years in the 4-H program, where many of his projects were involved with the Baby Beef Club. In 1962, Buss was the top individual livestock judge at Penn State's 4-H Days. While in college, he was a member of the Block and Bridle Club.

Previous to joining Farm Credit in the fall of 1981, Buss was area sales manager for International Harvester, servicing eastern Pennsylvania and southern New York. He began his career with Farm Credit as a loan officer when the Tatamy branch opened. He was promoted to branch manager from the position of senior loan officer.

A past president of the Northampton County Cooperative Extension board and a past president of the Slatington Rotary, Buss resides in Walnutport, Northampton County, with his wife, Barbara, where he is currently chairman of the Water Authority.

Edward Buss

Brillion Introduces Grass Seeders

BRILLION, Wis. — Brillion Introduces two new models of their famous grass seeders. Box size has been increased 200 percent to more than 4 bushels per box. A simplified drive system allows for seeding rates up to 50 percent greater than previous models. A heavier drawbar and frame was designed for use in more rugged conditions.

The seeders are available in a 10 foot lift type and a 10 foot hydraulic transport model. Options include a S-Tine track remover kit and deep front wheels for deeper placement of certain grass seeds.

For more information, contact your local Brillion dealer or write to Brillion Iron Works, Inc., Brillion, WI 54110, (414) 756-2121.

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J I Case Honors C.B. Hoober & Son

ORLANDO, Fla. — Charles B. Hoober met here with J I Case executives and accepted recognition on behalf of C.B. Hoober & Son, Intercourse, Pennsylvania, one of the top Case International hay and forage equipment dealerships.

Charles B. Hoober, right, receives a plaque from Robert L. Green, J I Case vice president of North American agricultural equipment sales, on behalf of C.B. Hoober & Son, Intercourse, Pennsylvania. The dealership was among the leading sellers of Case International rectangular balers in 1990.

C.B. Hoober & Son was among the leading sellers of Case International rectangular balers in 1990. A total of 17 dealerships and one area sales manager received special invitations to Florda, where they participated in new product development input sessions, met with Case International executives, and attended an awards dinner.

Plaques were presented to the dealerships that sold the most in four product categories: mower conditioners, round balers, rectangular balers, and self-propelled windrowers. Keynote speaker at the awards dinner was Robert L. Green, J I Case vice president of North American agricultural equipment sales.

Strategies Boost Farm Survival Rate

COLLEGE PARK, Md. — With the 1990 U.S. farm bill promising big cuts in price support benefits and commodity markets becoming more global in nature, prices to producers are likely to fluctuate widely in the years ahead.

This return to a classic demand-and-supply situation can spell disaster for some farm operators and comfortable profit margins for others, depending on their marketing strategies and management ability, said James R. Russell, an agricultural marketing specialist for the Maryland Cooperative Extension Service.

In a recent talk before the Mid-Atlantic Conservation Tillage Conference at Harrisburg, Pa., Dr. Russell called attention to the discrepancy that exists between production efficiency and marketing skills of U.S. farmers.

He acknowledged that American farmers are the most efficient in the world; but two-thirds of them consistently sell their products in the bottom one-third of the price range.

"Farmers are the only group willing to speculate in the cash market, a very risky practice," Russell noted. "Yet they generally are unwilling to lessen that risk by hedging in the futures market, locking in a floor price through buying put options, or profitably trading on the basis."

What do these terms mean? Most farmers probably don't know. But they can talk fluently about production terminology, Russell observed.

Nobody can predict farm commodity prices accurately in today's international economy; but farmers can still become better marketers of their products, the University of Maryland agricultural economist declared.

Russell noted that a 10 percent increase in commodity revenue can result in 30 percent more bottom-line profit. It's not necessary to lock in prices.

A case in point: Last spring, Maryland area farmers could have locked in a profit of 35 cents per bushel on their corn in a flat market — merely by understanding their historical basis.

Economic survival in the 1990s will depend on farmers being efficient producers and knowing their costs of production, Russell acknowledged. But that's only part of the story.

Farmers must also follow the markets closely, but recognize that prices cannot be predicted accurately.

Urban Landscape

HARRISBURG (Dauphin Co.) — One of the fastest-growing segments of Pennsylvania agriculture is the ornamental plant/landscaping industry. Homeowners, apartment-dwellers, architects, city planners, and businesses increasingly incorporate indoor and outdoor plantings as an integral part of the urban environment.

Urban plants and landscaping are among the subjects to be highlighted as part of Penn State's exhibit at the 75th annual Pennsylvania Farm Show in Harrisburg. "We hope to educate the public about the social and economic value of ornamental plants," said Russell Powell, Penn State extension agent in southeastern Pennsylvania.

Powell says plants improve our quality of life by providing beauty and enjoyment, and they help the environment by filtering pollution. But plants also have very tangible economic benefits, he said.

"The nursery, garden center, and landscaping industries in Pennsylvania generate nearly $500 million annually at the wholesale level," said Powell. "In addition, plants increase property values for homeowners."

Penn State staff will be available at the exhibit to answer plant-related questions and to discuss the industry as a whole

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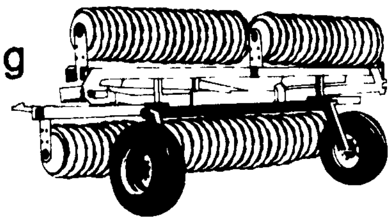

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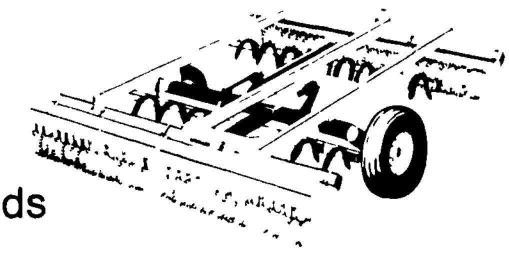

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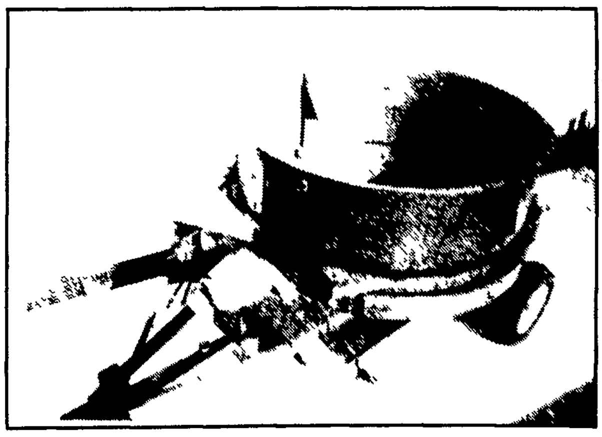

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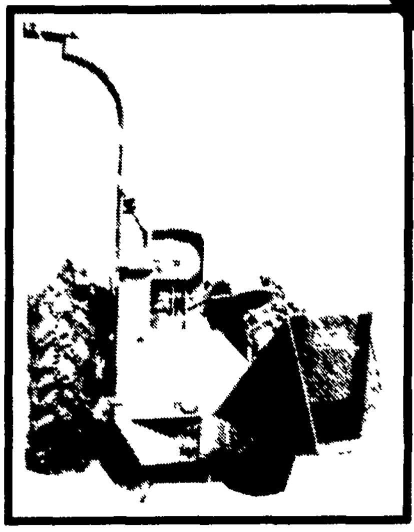

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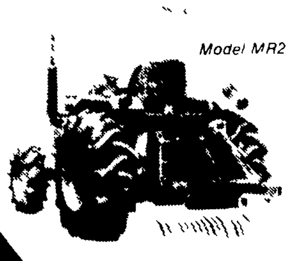

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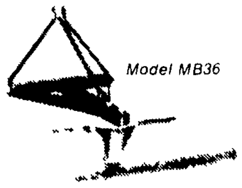

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Horse Sense

James P. Gallagher
P ofessor of Animal Science
The Pennsylvania
State University

Serious problems can be encountered if shavings or sawdust from black walnut trees (*Juglans nigra*) are used for bedding horses.

Black walnut contains a chemical, juglone (5 hydroxy-1, 4-naphthoquinone). Horses can become poisoned within 12 hours of exposure by ingesting the shavings or even by standing on the bedding material in the stall.

Observations indicate that the shavings must contain 20 to 25 percent black walnut before the problem is serious.

Clinical signs of black walnut poisoning include depression and edema with a high percentage of the cases developing laminitis (founder).

The degree of depression and laminitis may vary from severe to very slight, but edema is always present.

In acute laminitis, the horse will be depressed and show a great reluctance to stand. There is always marked resistance to any form of exercise and the normal stance is altered in attempts to relieve the weight borne by the affected feet. The pulse and respiration rates are also elevated in affected horses.

The problem can be eliminated and completely reversed by removing the horse from the shavings. Most horses will show improvement within 24 hours with complete elimination of symptoms in 48 hours (unless the coffin bone has rotated).

There is no specific treatment for the toxin juglone itself. It may help to tube the horse with mineral oil to remove any toxic shavings the horse might have eaten.

In addition, the usual treatment for laminitis is helpful, although it may not be necessary for recovery.

Prevention is always preferable to treatment. If you suspect the presence of black walnut in any amount, do not use it for horses.

Black walnut shavings or sawdust are considerably darker than other woods.

During the winter, one of the most commonly used bedding materials is soft wood shavings. Unfortunately, the supply of soft wood shavings can run short in mid-winter and dealers may substitute hard wood shavings. It is usually at that time of year when the problem is seen.

Pigs Need To Be Warm

EDWARD J. WOODS
Washington Co. Agricultural Agent

Growing and finishing pigs need a warm place to lay if they are to gain efficiently.

Make sure they are warm enough so they spread out in the sleeping area and don't pile up.

Insulated side walls and solid partitions in the sleeping areas helps keep them warm. In cold buildings, hovers may be necessary to keep them from piling up.

Hovers need to be managed. The colder the buildings and outside temperature, the deeper hovers need to be. As the temperature warms up, some of the hovers need to be removed.

Failure to manage these hovers can cause pigs to get overheated or stay too cold, causing them to pile up.

Sows need the same attention if you want to save feed. A warm sleeping area can save two or more pounds of feed per day per sow.

Little Things That Count In Dairying

As the new year begins, it might be well for dairymen to pause and reflect a bit. If you didn't reach your production goals, perhaps it was because of the little things you overlooked.

Dairymen should ask themselves these questions: Were my cows comfortable at all times or were their stalls too short or narrow? Did a drinking cup stop up so bossy had no water for a spell? Did I feed forage as often as I should for best consumption? And what about grain? Cows in early lactation need lots of energy in order to shell out the milk that's bred into them. Did my herd get this extra grain around calving time and for a period after calving? Am I gentle with my cows? Perhaps I should buy that brush my county agent suggested and try brushing my cows daily. Maybe they will respond to TLC (tender loving care).

You know, I'm going to throw that old hoe handle away and use gentle friendly persuasion instead.

I've thought for some time my milking machines should be checked, and, by golly, I'm to call my dealer and have him go over the whole system.

According to the magazine news articles, regular veterinary visits for pregnancy checks, removing extra teats, dehorning, and similar operations really pay their herd owner in regular calving intervals and small calf losses and minimum "downtime" for the herd. Maybe I ought to be doing this, too.

Yes, you know, maybe these little things do make a difference. I'll give them a try and see.

Give Some Attention To Lamb Vaccinations

Do not neglect to vaccinate lambs at this time of year.

The best time to protect lambs is before they are born by vaccinating the ewes.

If ewes have been vaccinated, their lambs receive temporary immunity for diseases such as tetanus and enterotoxemia for at least the first three weeks of life. If they are docked and castrated when more than three weeks of age, they should receive antitoxin as a temporary protective measure. Sheep are very susceptible to tetanus and can easily contract the disease from a wire cut, wound, or severe foot rot.

Lambs should also be given the type D vaccine for entertoxemia, especially if they are on feed with limited access to pasture. The vaccine is given in two doses approximately 2 to 3 weeks apart.

In flocks where sore mouth has occurred in the past or in those that are exposed to other flocks, a sore-mouth vaccine may be very helpful. In a closed flock, the vaccine is not necessary. The best time to give the vaccine is after the last lamb is weaned so the virus will not be spread by nursing lambs.

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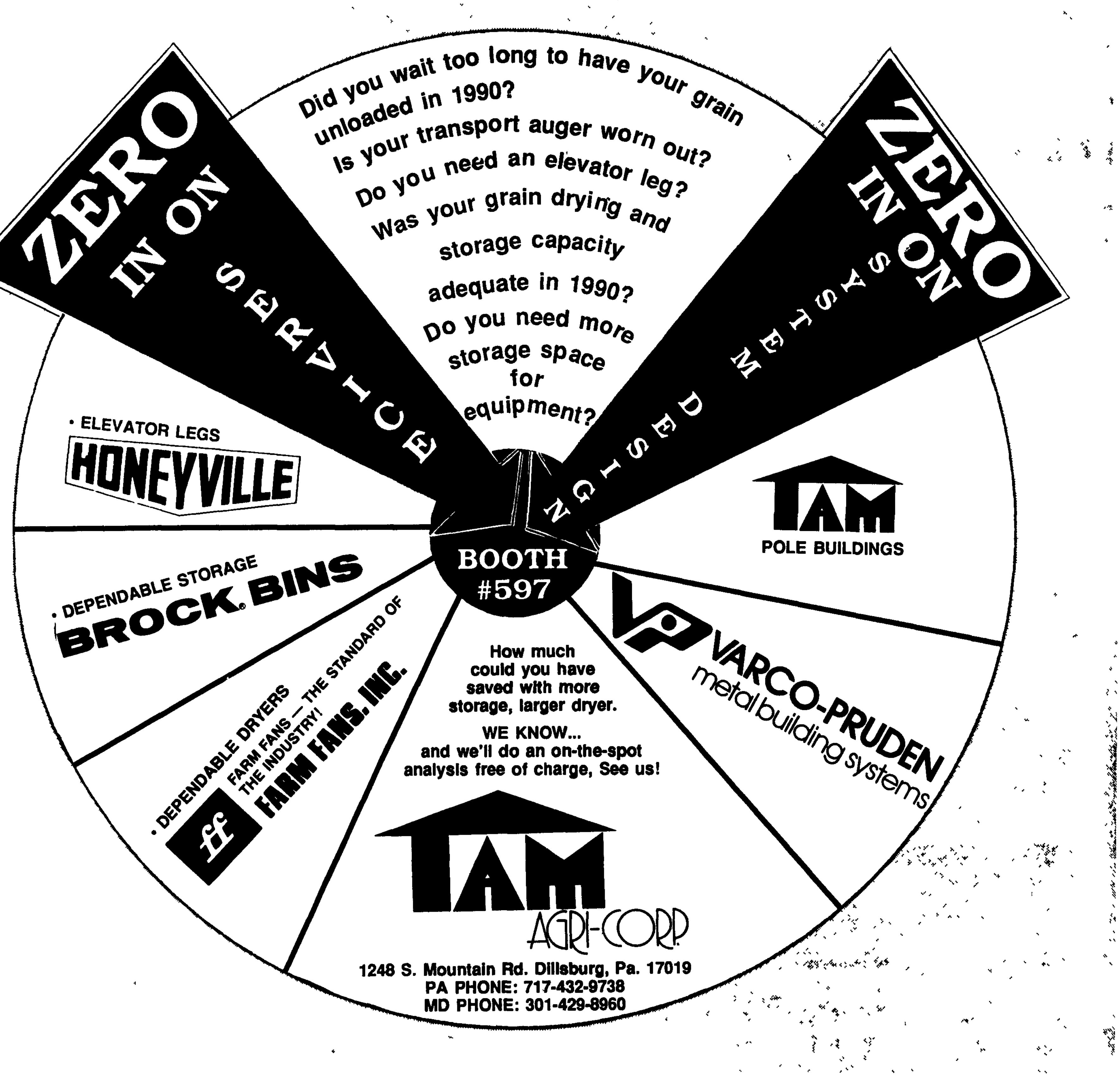

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Perry Co. DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

Perry County DHIA
November, 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
M W Smith Farms	B3	81.2	86.5	21,773	740	704
Kenneth R Benner	3	66.7	88.3	22,167	815	686
Richard Metz Jr	3	33.6	90.0	21,453	811	683
Ray E McMillen	3	108.7	88.4	20,476	757	664
Robt & Bernice Gabel	3	42.1	90.9	19,405	676	637
Dean & Eric McMillen	B3	77.1	87.6	19,485	667	636
Benjamin E Dum	3	45.1	89.9	19,441	776	635
Perry Valley Farm	B3	49.9	84.0	20,051	715	634
Alrada Farms	B3	94.7	89.3	20,053	753	632
Martin Brothers	3	192.8	89.0	19,450	725	625
Donald Dum	3	38.0	88.4	19,656	756	624
David H Weller	B3	63.9	88.0	19,015	704	622
Edward C Brofee	B3	129.2	87.7	19,573	725	612
Carl R Martin	B3	65.1	88.7	19,775	708	612
Nevin G Rice	B3	108.3	86.7	18,778	675	608
Melvin S Weaver	B3	88.0	84.8	19,606	705	605
Max + Flo Reapsome	3	54.8	89.1	18,882	711	601
Earl E Brubaker	B3	57.6	87.1	19,072	672	594
Byersholm Farms	3	31.0	93.3	19,042	682	593
Edward Horn	3	46.3	85.4	19,164	686	593
Richard L Maurer	3	55.2	87.4	18,557	719	591
George Brubaker Jr	B3	48.3	87.7	18,969	652	590
Perry Kretzing+ Sons	B3	151.9	86.0	17,863	644	586
Arthur E Dum Jr	G3	65.6	89.3	18,214	695	584
Dale Smoker	B3	80.7	83.8	18,117	630	584
Mervin H Huber	B3	35.5	85.2	17,874	693	583
Carl E McMillen	3	76.5	85.8	18,709	656	582
Lyons Brothers	B3	65.3	89.4	18,085	669	582
Philip E Brubaker	B3	62.2	83.1	18,647	638	581
Clark W Bower	B3	96.3	86.8	18,019	683	580
Bratton View Farms	3	69.6	91.1	18,469	691	578
John-Timothy Adair	G3	54.0	87.5	17,740	663	576
Robert + Linda Loy	B3	64.0	87.7	18,991	702	574
Richard G Smith	3	63.2	87.4	18,269	680	572
Duane L Hertzler	B3	157.8	86.7	18,149	677	571
John W Achenbach II	3	50.6	89.0	17,595	636	568
O'Toole Bro's	B3	48.8	88.6	17,744	661	567
Pine Creek Farm	B3	46.1	84.9	17,660	645	560
R Jack Crozier	B3	38.9	85.2	17,714	663	560

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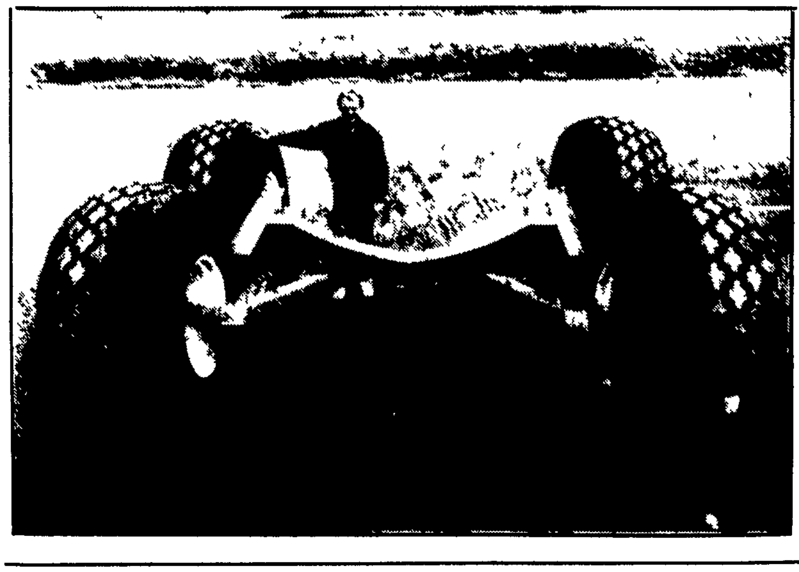

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Angus Beef Wins Gold Medal

ST. JOSEPH, Mo. — A 1991 Gold Medal has been awarded to Certified Angus Beef by Chefs In America, a national organization of chefs headquartered in San Francisco, California.

"This marks the second consecutive year that Certified Angus Beef (CAB) has received a gold medal in this nationwide food competition," said Louis "Mick" Colvin, executive director of the American Angus Association's Certified Angus Beef Program. The 1991 award was for the CAB Denuded (closely trimmed) Tenderloin, Colvin said.

The award came after detailed judging by 100 of the top ranked chefs in the nation, according to Harvey Bernstein, vice president of Chefs In America. "The products were judged on the basis of freshness, appearance, aroma, flavor, and overall quality," Bernstein said. A good product must be nominated to be eligible for the competition.

Gold medal winners will be listed in various Chefs In America publications, including "Chef's Source Book," "Food & Beverage Price Guide," "American Chef's Registry," and "Directory of Gold Medal Winners."

The Certified Angus Beef Program was established in 1978 by the American Angus Association. Only Angus and Angus-type crossbred cattle slaughtered at licensed certified Angus beef plants are eligible for Certified Angus beef carcass evaluation, conducted by the USDA grading service. Only the beef which meets the program's high quality carcass specifications is labeled with the Certified Angus Beef trademark. The CAB identification is then maintained right on to the consuming public.

Sales of CAB worldwide last year were 85 million pounds, making it the largest branded beef program in the world. Today some 1.7 percent of all finished cattle in the United States go into the CAB program.

MAMMA

Growers Gather At Fruit, Vegetable Conference

HERSHEY (Dauphin Co.) — Fruit and vegetable growers from across the state will gather in Hershey for their annual Fruit and Vegetable Conference and Trade Show. The annual event which attracts more than 1,600 people, will be held at the Hershey Lodge and Convention Center from January 29 to 31, 1991.

New features this year will be an all-day integrated crop management short course and an expanded small fruit program.

The gathering is a joint event that includes the 1990 Pennsylvania Vegetable Conference sponsored by the Pennsylvania Vegetable Growers Association and the Pennsylvania State University. Scheduled concurrently is the 132nd annual meeting of the State Horticultural Association of Pennsylvania, the state fruit growers association. The state horticultural societies of Maryland and New Jersey also meet in conjunction with their fellow fruit growers from Pennsylvania.

The vegetable conference program will feature concurrent sessions all three days and is expected to draw more than 700 people. Sessions on January 29 will cover processing and fresh-market production methods including disease control, transplants, irrigation, rotations and new varieties, as well as sustainable agriculture, food safety, and farm business management. Bedding plant production and marketing sessions will be featured on January 30, along with sessions on general vegetable culture and small fruit diseases. January 31 will be devoted to small fruit production and marketing topics. The integrated crop management short course will also be January 31.

University specialists, industry representatives and growers, including 23 from out of state, will present more than 55 talks during the sessions. At least 12 pesticide applicator update training credits will be given during the meetings. More than 100 exhibitors, displaying the latest in equipment, supplies, pesticides and varieties for both fruit and vegetable growers will be present for the trade show. The conference is the most comprehensivle educational program offered for growers in the state.

The state's top tomato growers will be recognized at the annual tomato awards luncheon on the opening day, January 29. The fruit and vegetable growers banquet will be held that evening. The four organizations represented at the meetings will present several awards during the banquet. The annual membership meeting of the Pennsylvania Vegetable Growers Association will be called to order at 4 p.m. on January 30.

Registration is open to all interested persons and begins at 7:30 each morning in the main lobby of the Convention Center at West Chocolate Avenue and University Drive in Hershey. Registration fees, which are required for each person, provide admission to the educational sessions and the trade show exhibits. Registration is $25 for three days and $15 for one day. An additional $25 fee is required for the irrigation short course. Lodging and meals are extra.

Additional information on the program can be obtained from Pennsylvania county extension offices or the Pennsylvania Vegetable Growers Association, RD 1, Box 392, Northumberland, PA 17857-9723, (717) 473-8468.

Monsanto Cuts Cost Of Roundup

ST. LOUIS, Mo. — Monsanto Agricultural Company is reducing the cost of its Roundup(R) herbicide in 2-1/2 and 30-gallon containers by 15 percent.

The new cost of $47 per gallon for a 30 gallon drum and $50 for a 2-1/2 gallon container reflects an ongoing effort by Monsanto to make Roundup an even more economical means of weed control.

The price has dropped about 50 percent over the past five years. The 1991 price decrease takes effect immediately.

Roundup provides excellent results under many circumstances, said the company.

Livestock Notes

HE/RD Program Improves Performance, Profitability Of Replacement Heifers

Cow-Calf operations may improve performance and profitability of replacement heifers by using the new Herd Efficiency/Reproductive Development (HE/RD) Program. HE/RD is part of the National Cattlemen's Association's established Integrated Resource Management (IRM) program, which is designed to help cattlemen adopt better record keeping and make more efficient use of production technology. "Reproductive efficiency is probably the most critical variable in cow-calf operations," said Jim Chancellor, a cattle producer from Branson, Colorado who practices IRM. "The development of the HE/RD program by MSD AGVET and its inclusion in IRM should produce lasting benefits for the cattle industry." ***CONTACT: Joseph Feeks, (914) 758-2200.***

Computers Enhance Food Animal Production

Computers used to predict farm trends and record a farm's history enhance food animal production, according to Roger G. Ellis, D.V.M., Michigan State University field service veterinarian. "With the computer, I can identify farm trends with greater ease and accuracy," he said. "This permits the farmer and me to spend more time on farm analysis. "With the stroke of a key, veterinarians and farmers can view the farm's history, as well as project future trends. Michigan State University's College of Veterinary. Medicine recently purchased six laptop computers for its production medicine activities." Computers are becoming more and more important in food-animal practice," explained Dr. Ellis. ***CONTACT: Roger G. Ellis, DVM, (517) 353-3068.***

Unique Neonatal Facility Improves Critical Care Of Foals, Mares

Horses born during the 1991 foaling season may enjoy improved health and survivability due to increased emphasis on critical care. The University of Pennsylvania's New Bolton Center campus is preparing a unique facility to improve critical care for foals and mares during the 1991 foaling season beginning in late January. Newborn foals are very fragile creatures and may be particularly susceptible to infections. The Graham French Neonatal Section in the Connelly Intensive Care Unit features heated floors and stalls equipped with gases, suction, and metered watering devices. The unique facility can be divided to house both mares and critically ill foals. A central nursing station permits 24-hour observation of the patients, and clinicians are on duty around the clock. In 1990, more than 100 foals and 18 mares with problem pregnancies were treated in the Graham French Neonatal Section. ***CONTACT: Helma Weeks (215) 898-1475.***

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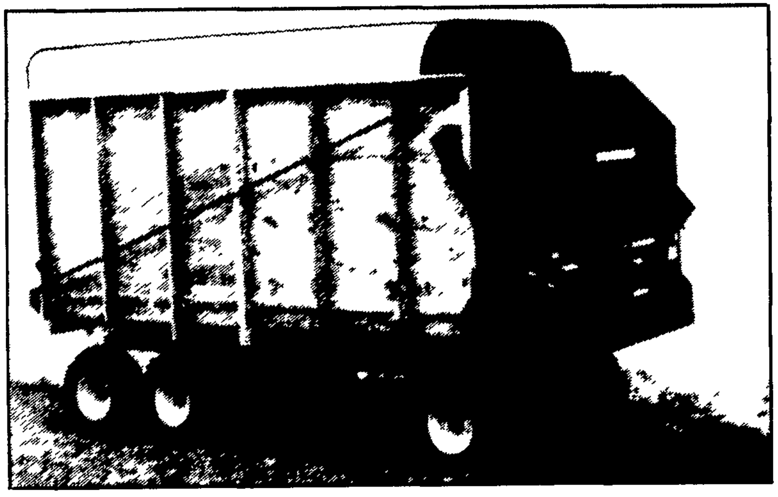

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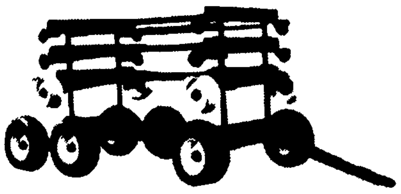

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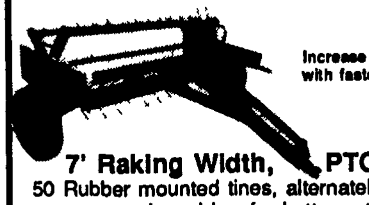

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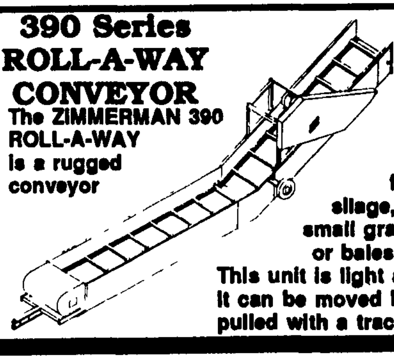

The ZIMMERMAN 390 ROLL-A-WAY SERIES CONVEYOR is a rugged high speed conveyor for ear corn, silage, bulk feeds, small grains, manure or bales.
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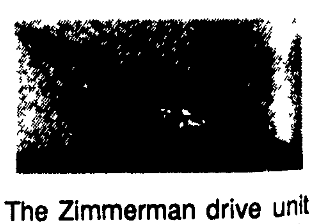

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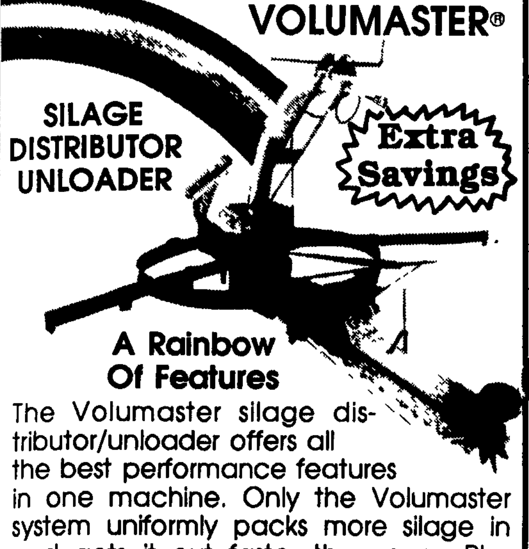

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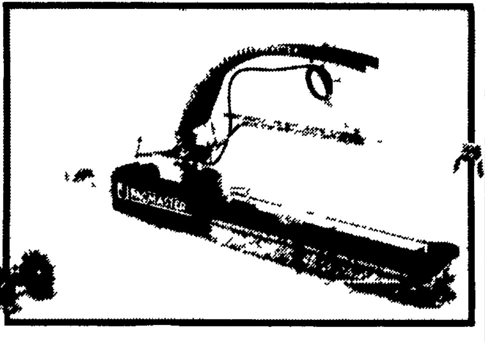

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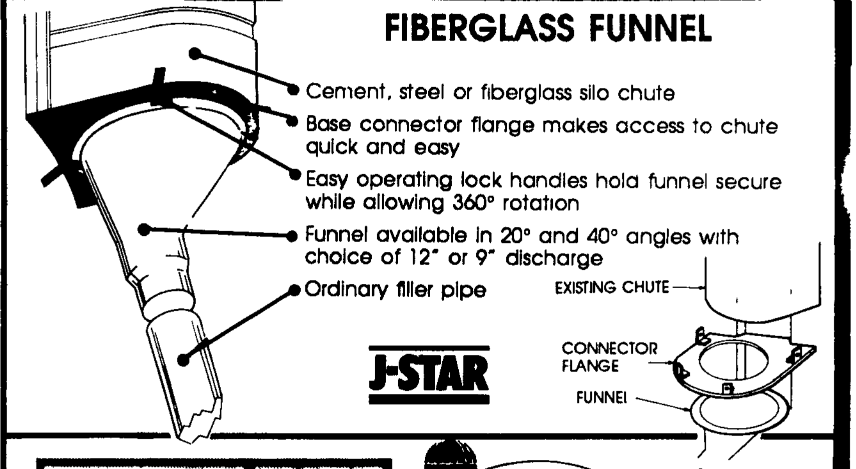

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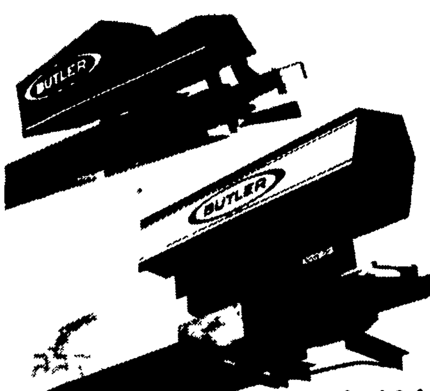

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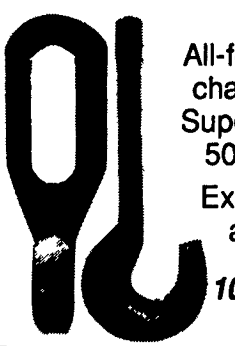

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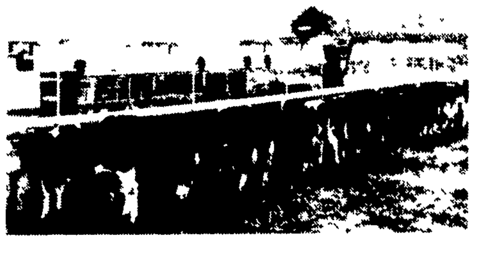

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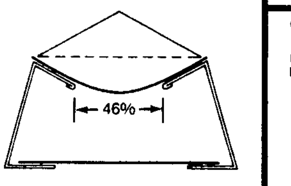

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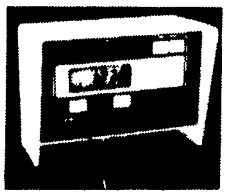
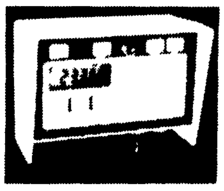
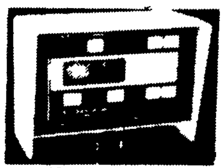


OMP-5
Applications
- Universal/animal scale
- Platform scales
- Bins, hoppers and other storage facilities
- Cattle feeding mixers



OMP-10
Applications
- Cattle feeding mixers
- Industrial batch weighing



OMP-15
Applications
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- Bins, hoppers and other storage facilities
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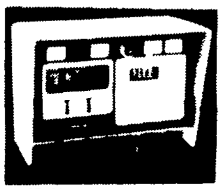
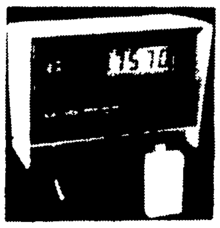
- Weighing situations where the accumulating feature has an application
- Printer option for batch or other weighing applications
- Remote option for remote display



OMP-20
Applications
- Cattle feeding mixers
- Grinder/mixers
- Industrial batching situations requiring remote options and continuous display of the preset amount



OMP-20R REMOTE
Applications
- Cattle feeding mixers
- Other situations requiring remote display

OMP 20P w/PRINTER
Applications
- Batch weighing, where printed record is required. Including TMR feeding and industrial batching using bins and hoppers
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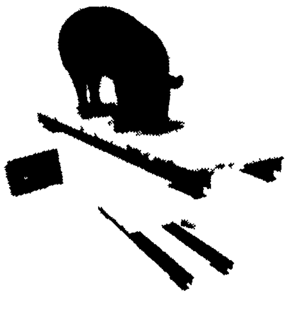

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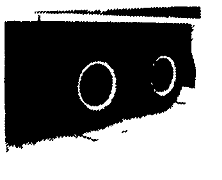

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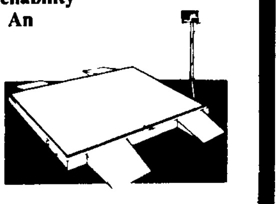

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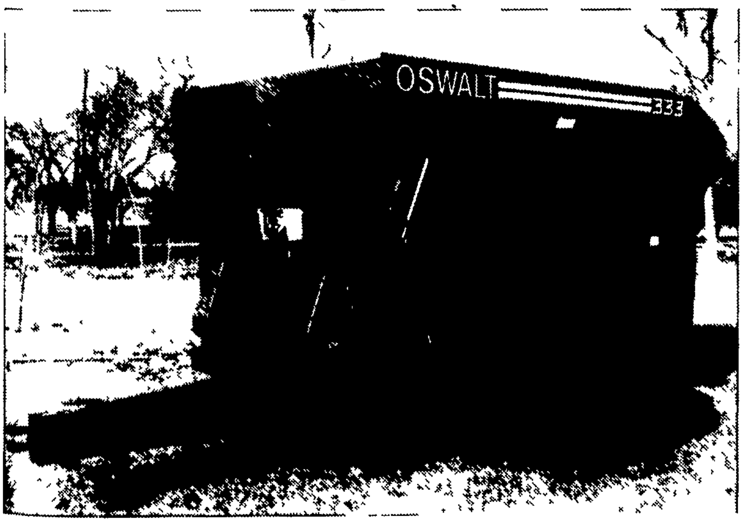

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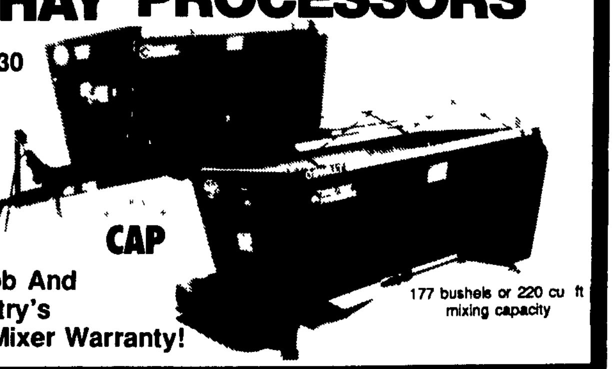

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Md. Increases Ag Exports To Trinidad

ANNAPOLIS, Md. — Maryland Secretary of Agriculture Wayne A. Cawley, Jr. announced agreements to send Maryland agricultural products to Trinidad and Tobago.

"Our international marketing efforts are really paying off and what we've accomplished in the last couple of days is truly outstanding. I think it's the beginning of bigger things," Cawley said.

"In January, we will be shipping 40,000 pounds of corn and livestock feed and there is strong potential for these shipments to become monthly. In addition, we are sending Trinidad 300 dairy heifers and 100 units of frozen semen for beef cattle," said Cawley.

The exports to Trinidad are all part of Governor William Donald Schaefer's marketing effort to sell Maryland agricultural products all around the world.

"According to our marketing specialist in Trinidad, business is brisk. The government of Trinidad has just freed up the market so Trinidad importers may import all kinds of products for the first time in 10 years," Cawley said.

Since 1987, with Governor Schaefer's support, the Maryland Department of Agriculture has increased its international marketing efforts in order to open up more opportunities for Maryland agricultural businesses.

Certified Angus Beef Contest Begins

ST. JOSEPH, Mo. — A 1991 Gold Medal has been awarded to Certified Angus Beef by Chefs In America, a national organization of chefs headquartered in San Francisco, California.

"This marks the second consecutive year that Certified Angus Beef (CAB) has received a gold medal in this nationwide food competition," said Louis "Mick" Colvin, executive director of the American Angus Association's Certified Angus Beef Program. The 1991 award was for the CAB Denuded (closely trimmed) Tenderloin, Colvin said.

The award came after detailed judging by 100 of the top ranked chefs in the nation, according to Harvey Bernstein, vice president of Chefs In America. "The products were judged on the basis of freshness, appearance, aroma, flavor, and overall quality," Bernstein said. A good product must be nominated to be eligible for the competition.

Gold medal winners will be listed in various Chefs In America publications, including "Chef's Source Book," "Food & Beverage Price Guide," "American Chef's Registry," and "Directory of Gold Medal Winners."

The Certified Angus Beef Program was established in 1978 by the American Angus Association. Only Angus and Angus-type crossbred cattle slaughtered at licensed certified Angus beef plants are eligible for Certified Angus beef carcass evaluation, conducted by the USDA grading service. Only the beef which meets the program's high quality carcass specifications is labeled with the Certified Angus Beef trademark. The CAB identification is then maintained right on to the consuming public.

Sales of CAB worldwide last year were 85 million pounds, making it the largest branded beef program in the world. Today some 1.7 percent of all finished cattle in the United States go into the CAB program.

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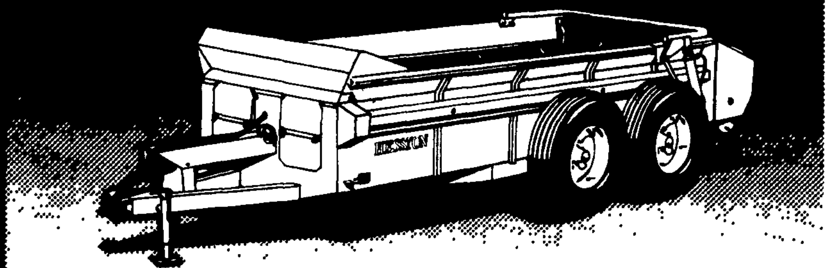

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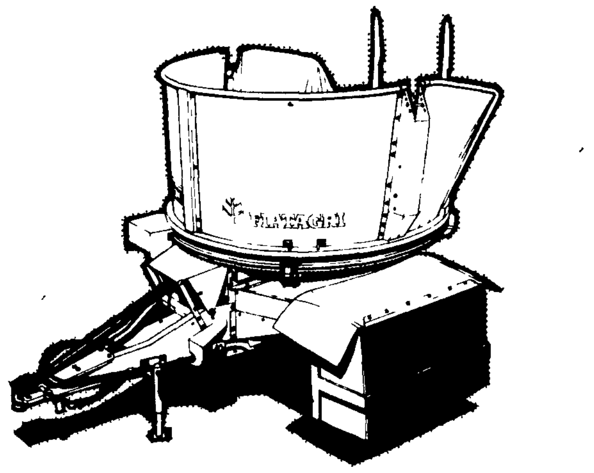

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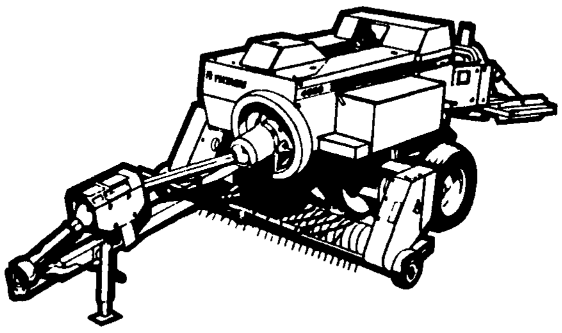

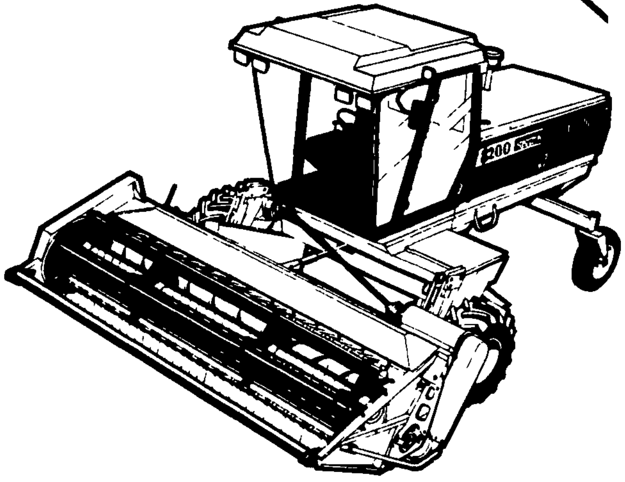

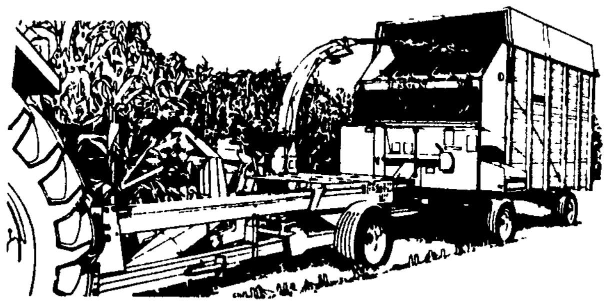

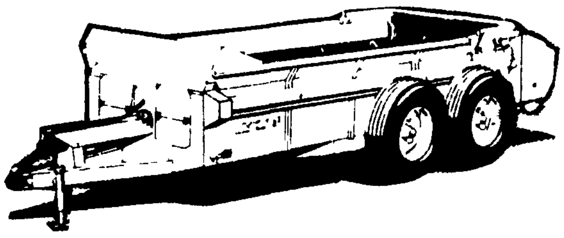

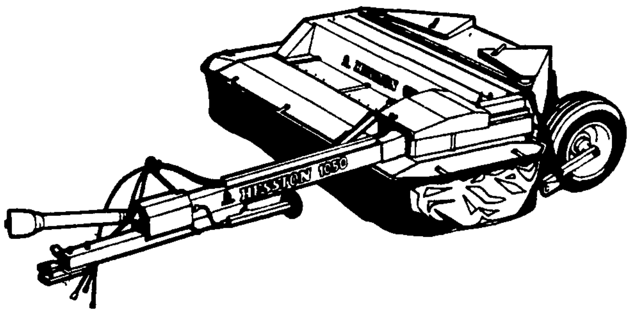

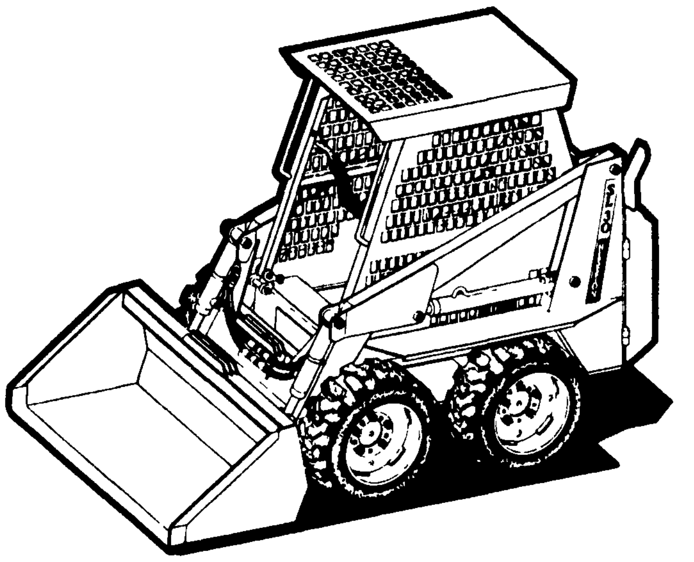

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THE PRIME LINE

Pork Prose

by
Kenneth B. Kephart

Penn State Extension Swine Specialist

Dr. Kenneth B. Kephart

With the recent drop in soybean prices, hog producers are again checking the economics of using soybeans (raw or roasted) rather than soybean meal in swine rations. Let's take a brief look at the feasibility of using the soybean for hogs. Much of the information below is taken from a recent review by Herkelman and Cromwell ("Feedstuffs," 1990, 62(52):13).

Raw Soybeans

Raw soybeans contain a number of compounds that interrupt the digestion and absorption of nutrients in the pig. The most significant of these compounds is trypsin inhibitor which limits protein digestion.

Feeding raw soybeans will depress growth rate and feed efficiency. In starter pigs, growth rate is reduced by about 50 percent (.61 vs. 1.23 lb./day), while feed efficiency is decreased by approximately 40 percent (3.58 vs. 2.12 lb. feed/lb. gain).

In grower-finisher pigs, the reduction in both growth rate and feed efficiency is less severe. Weight gains are impaired by 22 percent (1.38 vs. 1.78 lb./day) and feed efficiency is depressed by 19 percent (4.07 vs. 3.43 lb. feed/lb. gain).

In the early 1930s, research at the University of Nebraska showed that feeding raw soybeans to sows in both gestation and lactation had no deleterious effects. Their research included studies from sows over the course of three parities (litters). However, more recent studies suggest what some nutritionists have suspected -- that raw soybeans may limit milk production and baby pig survival. A summary of three studies in which raw soybeans (or soybean meal) were fed during both gestation and lactation is shown below.

EFFECT OF RAW SOYBEANS ON SOW PERFORMANCE*

Soybean Source	Pigs Born	Pigs Weaned	Weaning Wt., Lb.	Survival, %
SB meal	9.3	8.5	12.2	91.4
SB meal+ oil	9.5	8.6	11.2	90.5

* Summary of three separate studies.

As the table shows, piglet birth weights are somewhat higher from sows consuming raw soybeans during gestation. In the raw soybean group, survival rate of the baby pigs and weaning weights are slightly less. This is apparently due to a reduction in feed intake during lactation. The drop in feed intake also leads to higher sow weight loss during lactation (data not shown).

Low Trypsin Inhibitor Soybeans

Research with low trypsin inhibitor varieties of soybeans have been conducted at several universities. There is no question that these new varieties are superior to conventional soybeans when fed in the raw state.

However, reductions in growth and feed conversion still occur in starter, grower, and finisher phases if the low trypsin inhibitor varieties are not cooked.

Soybean Processing

Soybeans can be roasted or extruded. In the roasting process, soybeans reach 230-260 degrees F 2-5 minutes after reaching the roaster. In an extruder, soybeans are forced through small holes, causing the soybean material to reach 300 degrees F in less than 30 seconds.

Which process is better? Both methods destroy the growth inhibitors. However, extrusion process ruptures the oil cells, which, according to some nutritionists, may improve oil digestibility. And in fact the oil cell rupture does increase oil utilization in the chick. Whether the same response occurs in the pig is less clear since few direct experiments have been conducted to answer this question.

However, there have been a lot of indirect experiments to suggest that oil from ruptured cells is superior to that of oil from intact cells in the soybean. Herkelman and Cromwell looked at experiments conducted over the last 30 years. Using roasted soybeans increased growth rates by about 2 percent and improved feed efficiency by about 5 percent over that of soybean meal.

But researchers have, on the average, found that adding oil to a conventional corn-soybean meal diet also increased weight gains by 2 percent, but improved feed conversion by more than 8 percent.

Effect Of Soybeans On Carcass Quality

In experiments conducted since 1969, cooked soybeans in growing-finishing diets increased backfat by about 4 percent (1.29 vs. 1.24. inches) and decreased loin eye areas by roughly 3 percent (4.58 vs. 4.72 sq. inches).

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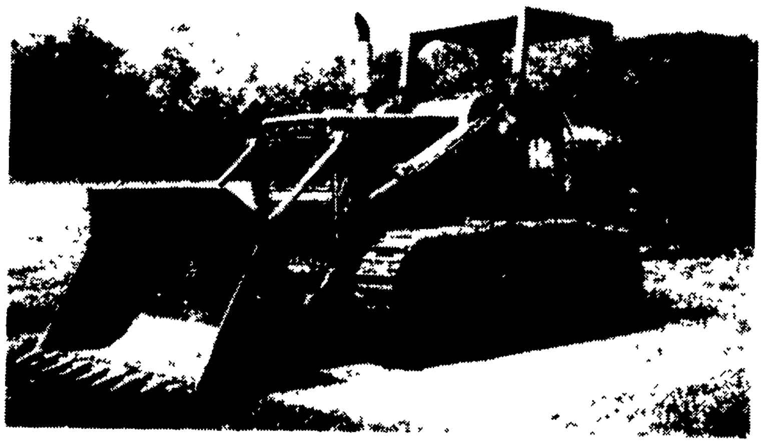

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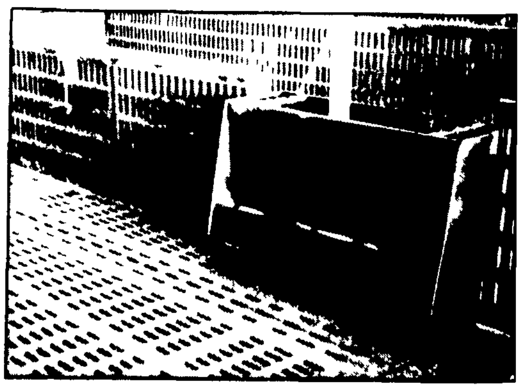

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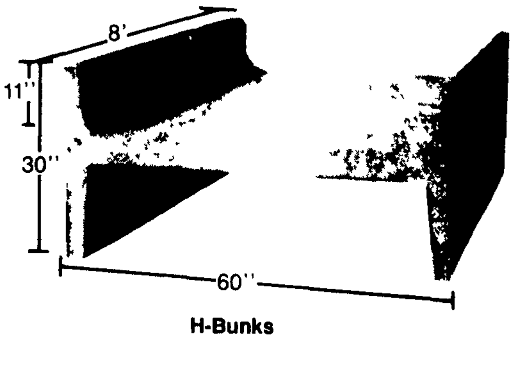
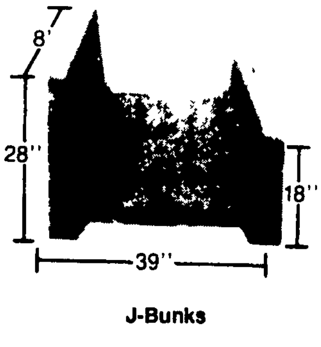
Concrete Hog Penning



H-Bunks



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DAILY SCHEDULE OF EVENTS
75TH PENNSYLVANIA FARM SHOW
Farm Show Complex
Harrisburg, Pennsylvania

KEY:
E East Building ML Main Lobby
EC Entire Complex MS 2nd Floor, Main Building
EL East Lobby N North Building
LA Large Arena NW Northwest Building
LAL Large Arena, O Outside Exhibits
Lower Concourse SA Small Arena
LAU Large Arena, W West Building
Upper Concourse WL West Lobby
M Main Building

LOCATION OF DAILY ATTRACTIONS
Beef Cattle - NW Meeting Rooms - MS
Butter Sculpture - ML Milking Parlor - N
Cafeteria - MS Older Pennsylvanian's Center - ML
Cooking Demos - WL Pennsylvania Food Court - E
Christmas Trees - ML Pennsylvania Food Pantry - WL
Commerical & Educational Poultry, Duck Pond & Chicks - LAL
Exhibits - EC Rabbits - LAU
Dairy Cattle - N Sheep - W
Family Living - LAL Snack Bars - EC
4-H & Vo-Ag - LAL,LAU Souvenirs - EC
Grains & Corn - EL Swine - W
Goats (Friday only) - LA Vegetables, Hay & Dressed
Horses - NW Poultry - WL
Maple & Apiary - EL

SATURDAY, JANUARY 5, 1991
(Judging only - show CLOSED to the public).
7 AM- Judging: Live Poultry - LA.
9 AM- Swine Judging (in order): Berkshire, Chester White, Duroc, Hampshire, Landrace, Poland China, Spotted & Yorkshire - SA.
9 AM- Judging: Rabbits - LAU.
11 AM- Judging: Tobacco - WL.
12 Noon- Judging: Corn - EL.
12 Noon- Judging: Maple Syrup Products, Fruit & Edible Nuts - EL.
12 Noon- Judging: Family Living & 4-H Opportunities - LAL.
1 PM- Judging: Hay - WL.
1 PM- Judging: Potatoes - WL.
2 PM- Judging: Blue Ribbon Apple Pies - Penna. Room, LAU.
2 PM- Judging: Greatest Cocoa Cake and Cookie Contests - LAL.
2 PM- Rabbit Auction - LAU.
2 PM- Judging: Apiary Products - EL.
3 PM- Judging: Small Grains - EL.
4 PM- Judging: Mushrooms - WL.
5 PM- Carcass Lamb Live Evaluation - SA.
6 PM- Sheep Judging: Cheviots followed by Shropshire - SA.

SUNDAY, JANUARY 6, 1991 -- FAMILY DAY
8 AM- Judging: Christmas Trees - ML.
9 AM- Judging: School Exhibits - LAL.
9 AM- Sheep Judging (in order): Suffolk, Dorset, Hampshire & Southdown - SA.
9 AM- Judging: Vocational Horticulture - LAU.
9:30 AM- Judging: Vegetables - WL.
11:15 AM- Non-Demoninational Worship Service - LA.
11:30 AM- Supreme Champion Gilt - SA.
12 Noon- Judging: Eggs - LAL.
12:15 PM- Grand Opening Ceremonies - LA.
1-6 PM- DAILY ATTRACTIONS (see list) - EC.
1 PM- Cooking Demonstration - WL.
3 PM- Cooking Demonstration - WL.
1:30 PM- Rodeo Demonstration - LA.
Pennsylvania High School Rodeo Association.
Intermission: Cumberland County 4-H Horse Club Drill Team.
5 PM- Cooking Demonstration - WL.
6 PM- Sheep Supreme Champion - Meat Breeds - SA.

MONDAY, JANUARY 7, 1991 -- OLDER PENNSYLVANIANS DAY
8AM-9PM....DAILY ATTRACTIONS (see list) - EC.
8 AM- Judging: Eggs - LAL.
8 AM- Judging: Dressed Poultry - WL.
9:30 AM- Draft Horse Judging: Belgian & Clydesdale - LA.
9:30-4PM- Vo-Ag School Demonstrations - LAU.
10 AM- Swine Sale: Berkshire - SA.
11 AM- Draft Horse Judging: Percheron - LA.
11 AM- Cooking Demonstration - WL.
11:30 AM- Swine Sale: Duroc - SA.
1 PM- Swine Sale: Hampshire - SA.
1 PM- Cooking Demonstration - WL.
2 PM- Supreme Champion Draft Horse - LA.
2:30 PM- Swine Sale: Landrace - SA.
2:30 PM- Youth Showmanship for Horses - LA.
3 PM- Cooking Demonstration - WL.
4-9 PM- Draft Hitched Competition - LA.
4 PM- Cart Classes.
6 PM- Intermission.
6:30- Team Classes.
5 PM- Cooking Demonstration - WL.
6-9 PM- Dairy Fun Night - SA.
Secretary of Agriculture's Welcome & Awards, Ice Cream Churning Contest, Butter Making Contest, Celebrity Milking Contest, Calf Dressing & Dairy Jeopardy.
7 PM- Cooking Demonstration - WL.

TUESDAY, JANUARY 8, 1991
8AM-9PM....DAILY ATTRACTIONS (see list) - EC.
8 AM- Beef Cattle Judging (in order): Ring 1 - Polled Hereford, Limousin & Charolais - LA; Ring 2 - Simmental & Angus - LA.
8:30-4PM- Vo-Ag School Demonstrations - LAU.
0 AM- Judging: Carcass Lamb On-Rail (off-site).
10 AM- Swine Sale: Yorkshire - SA.
11 AM- Cooking Demonstration - WL.
11:30 AM- Swine Sale: Spotted Swine - SA.
1 PM- Swine Sale: Poland China - SA.
1 PM- Cooking Demonstration - WL.
2:30 PM- Swine Sale: Chester White - SA.
3 PM- Cooking Demonstration - WL.
3:30 PM- Beef Supreme Champion - LA.
4:30 PM- Junior Shepherd's Contest - SA.
5 PM- Cooking Demonstration - WL.
7 PM- Cooking Demonstration - WL.
7 PM- Folk Dance Festival & Contest - LA.

WEDNESDAY, JANUARY 9, 1991
8AM-9PM- DAILY ATTRACTIONS (see list) - EC.
8AM-11AM- Vo-Ag School Demonstrations - LAU.
8 AM- Dairy Cattle Judging: Guernsey, Brown Swiss & Milking Shorthorn - LA.
8 AM- Junior Sheep Breeding Classes (in order): Cheviot, Corriedale, Dorset, Hampshire, Merino, Rambouillet, Shropshire, Southdown, Suffolk, Montadale, Columbia & Oxford - SA.
9:30 AM- Junior Market Lamb Classes followed by Junior Lamb Showmanship Contest - SA.
9:30 AM- Dairy Cattle Judging: Holstein - LA.
11 AM- Dairy Cattle Judging: Ayrshire & Jersey - LA.
11 AM- Cooking Demonstration - WL.
1 PM- Cooking Demonstration - WL.
2:30 PM- Supreme Champion of Dairy Breeds - LA.
3 PM- Cooking Demonstration - WL.
4:30 PM- Championship Horse Pulling Contest (in order): Lightweight Horse Pulling, 6-Horse Hitch, Heavyweight Horse Pulling - LA.
5 PM- Cooking Demonstration - WL.
5-7 PM- 10th Annual Pennsylvania Sheep to Shawl Contest - SA. Auction of Shawls - SA.
7 PM- Cooking Demonstration - WL.

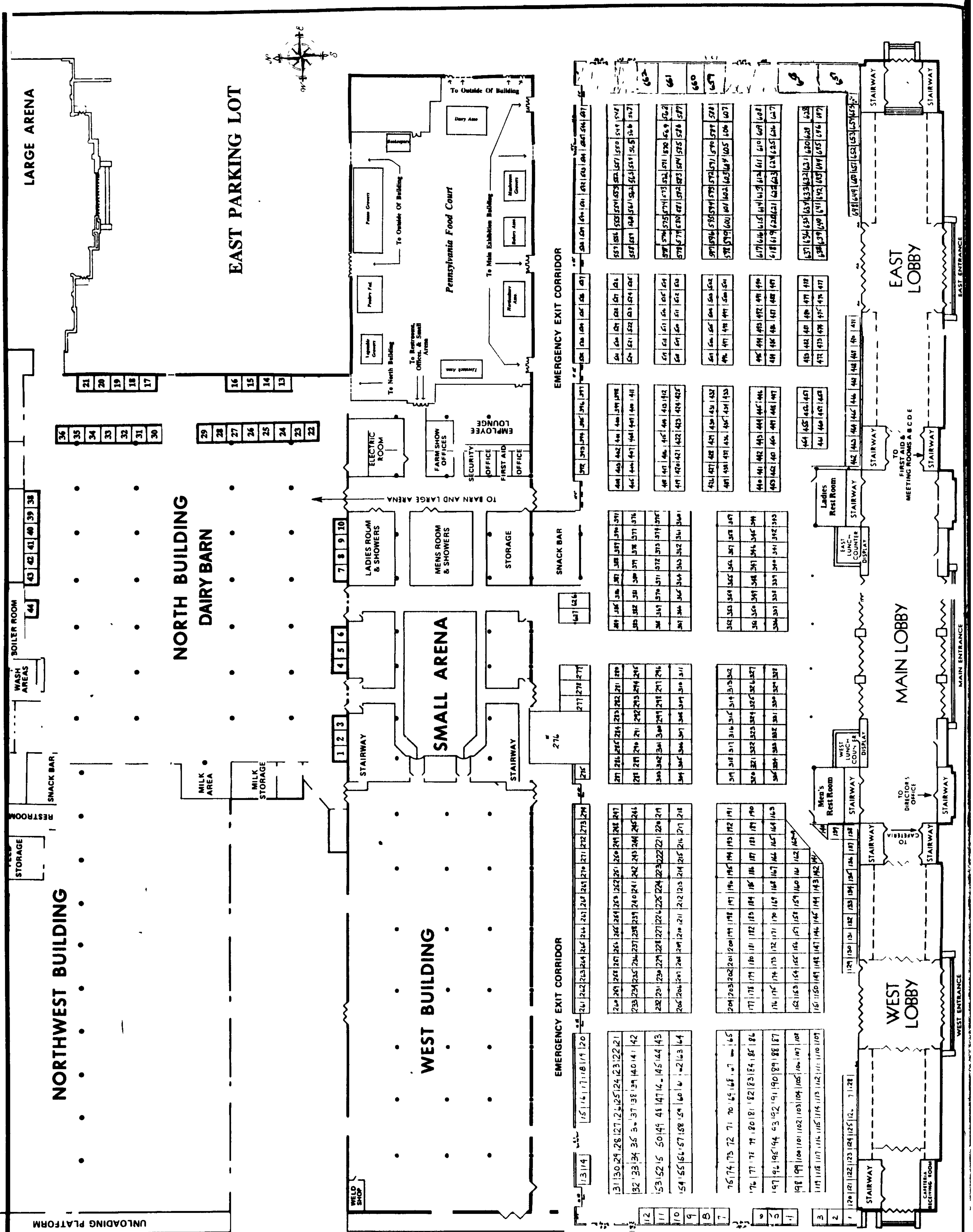
THURSDAY, JANUARY 10, 1991 -- YOUTH DAY
8AM-9PM- DAILY ATTRACTIONS (see list) - EC.
8:30 AM- Junior Beef Breeding Cattle (in order): Angus, Charolais, Chianina, Limousin, Hereford, Polled Hereford, Shorthorn & Simmental - LA.
8:30 AM- Junior Market Swine Classes - SA.
9 AM- 4-H Potato Grading & Identification - Room E.
11 AM- Cooking Demonstration - WL.
12 Noon- Junior Beef Steer Classes - LA.
1 PM- Cooking Demonstration - WL.
3 PM- Cooking Demonstration - WL.
3 PM- Junior Swine Showmanship Contest - SA.
3 PM- Wool Judging - WL.
3:15 PM- Grand Champion Steer - LA.
3:45 PM- Junior Beef Showmanship Contest - LA.
5 PM- Sheep Judging (in order): Merino, Rambouillet & Corriedale - LA.
5 PM- Cooking Demonstration - WL.
6 PM- State Championship Pony Pulling Contest (in order): Lightweight, Mediumweight & Heavyweight Divisions - LA.
7 PM- Cooking Demonstration - WL.
8 PM- Sheep Supreme Champion, Wool Breed - SA.

FRIDAY, JANUARY 11, 1991 -- SALE OF CHAMPIONS DAY.
8AM-4PM- DAILY ATTRACTIONS (see list) - EC.
8:30 AM- Dairy Goat Judging (in order): - LA.
Alpine, LaMancha, Nubian, Toggenburg, Other Purebreds & Recorded Grades.
10 AM- Sale of Champions & Reserve Champions - SA.
11:15 AM- Junior Market Swine Sale - SA.
1 PM- Junior Market Lamb Sale - SA.
2 PM- Junior Steer Sale - SA.
4 PM- 1991 Farm Show Closes.

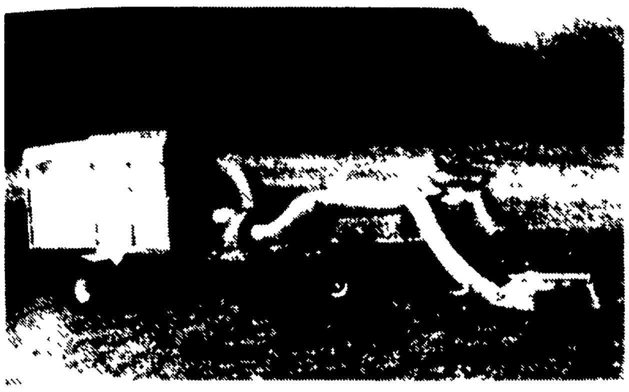
1991 FARM SHOW JUDGING SCHEDULE

Time	Saturday Jan. 5	Sunday Jan. 6	Monday Jan. 7 Older Pennsylvanians Day	Tuesday Jan. 8	Wednesday Jan. 9	Thursday Jan. 10	Friday Jan. 11
8 a.m.	**7 a.m.** Live Poultry - LA	Christmas Trees - ML	Eggs - LAL, Dressed Poultry - WL	Beef Cattle: Polled Hereford, Limousin, Charolais, Simmental, Angus - LA. **8:30 a.m.** Vo-Ag School Demos - LAU	Dairy Cattle: Guernsey, Brown Swiss, Milking Shorthorn - LA, Vo-Ag SWchool Demos - LAU. Junior Sheep Breeding: Cheviot, Corriedale, Dorset, Hampshire, Merion, Rambouillet, Shropshire, Southdown, Suffolk, Montadale, Columbia, Oxford - SA	**8:30 a.m.** Junior Beef Breeding. Angus, Charolais, Chianina, Limousin, Hereford, Polled Hereford, Shorthorn, Simmental - LA	**8:30 a.m.** Dairy Goats Alpine, LaMancha, Nubian, Toggenburg, Other Purebreds, Recorded Grades - LA
9 a.m.	Swine. Berkshire, Chester White, Duroc, Hampshire, Landrace, Poland China, Spotted, Yorkshire - SA, Judging Rabbits - LAU.	Sheep. Suffolk, Dorset, Hampshire, Southdown - SA School Exhibits - LAL, Vocational Horticulture - LAU. **9:30 a.m** Vegetables - WL.	**9:30 a.m.** Draft Horses Belgian, Clydesdale - LA; Vo-Ag School Demos - LAU	Carcass Lamb On-Rail (off-site)		4-H Potato Grading, Identification - Room E	
10 a.m.			Swine Sale Berkshire - SA.	Swine Sale Yorkshire - SA	**9:30 a.m.** Junior Market Lamb, Junior Lamb Showmenship - SA; Dairy Cattle Holstein - LA.		Sale Of Champions & Reserve Champions - SA.
11 a.m.	Tobacco - WL	**11:15 a.m.** Non-Demoninational Worship Service - LA; **11:30 a.m.** Supreme Champion Guilt - SA.	Draft Horses. Percheron - LA **11:30 a.m.** Swine Sale Duroc - SA	**11:30 a.m.** Swine Sale Spotted - SA			**11:15 a.m.** Junior Market Swine Sale
Noon	Corn, Maple Syrup Products, Fruits, Edible Nuts - EL Family Living, 4 H Opportunities - LAL	Eggs - LAL, **12:15** Grand Opening Ceremonies - LA			Dairy Cattle Ayrshire, Jersey - LA	Junior Beef Steer - LA.	
1 p.m.	Hay, Potatoes - WL		Swine Sale: Hampshire - SA.	Swine Sale Poland China - SA			Junior Market Lamb Sale - SA. Junior Steer Sale - SA.
2 p.m.	Apple Pies - Penna Room, LAU; Cocoa Cake, Cookies - LAL Rabbit Auction - LAU; Apiary Products - EL.		Supreme Champion Draft Horse - LA. **2:30 p.m.** Swine Sale: Landrace - SA, Youth Horse Showmanship - LA	**2:30 p.m.** Swine Sale Chester White - SA	**2:30 p.m.** Supreme Champion Dairy Breeds - LA.		
3 p.m.	Small Grains - EL			**3:30 p.m.** Beef Supreme Champion - LA		Junior Swine Showmanship - SA; Wool Judging - WL. **3:15 p.m.** Grand Champion Steer - LA; **3:45 p.m.** Junior Beef Showmanship - LA.	
4 p.m.	Mushrooms - WL		Draft Hitched, Cart Classes -LA	**4:30 p.m.** Junior Shepherd's Contest - SA	**4:30 p.m.** Championship Horse Pulling: Lightweight, 6-Horse Hitch, Heavyweight - LA		1991 Farm Show Closes
5 p.m.	Carcass Lamb Live Evaluation - SA.					Sheep: Merino, Rambouillet, Corriedale - LA	
6 p.m.		Sheep Supreme Champion, Meat Breeds - SA	Dairy Fun Night, AG Sec. Welcome - SA **6:30 p.m.** Team Classes - LA		Sheep To Shawl, Auction of Quilts - SA	State Championship Pony Pulling Lightweight, Mediumweight, Heavyweight - LA	
7 p.m.				Folk Dance Festival & Contest - LA			
8 p.m.						Sheep Supreme Champion, Wool Breeds - SA.	

Farm Show Building Layout


LARGE ARENA
EAST PARKING LOT
To Outside Of Building
Dairy Assn
Beekeepers
Potato Growers
To Outside Of Building
Pennsylvania Food Court
To Main Exhibition Building
Mushroom Growers
Bakery Assn
Poultry Fed.
Vegetable Growers
Horticulture Assn
Livestock Assn
To North Building
To Restrooms, Offices, & Small Arena
EMPLOYEE LOUNGE
ELECTRIC ROOM
FARM SHOW OFFICES
SECURITY OFFICE
FIRST AID OFFICE
TO BARN AND LARGE ARENA
LADIES ROOM & SHOWERS
MENS ROOM & SHOWERS
STORAGE
SNACK BAR
NORTH BUILDING
DAIRY BARN
BOILER ROOM
WASH AREAS
SNACK BAR
RESTROOM
STORAGE
MILK AREA
MILK STORAGE
STAIRWAY
SMALL ARENA
STAIRWAY
NORTHWEST BUILDING
WEST BUILDING
WELD SHOP
UNLOADING PLATFORM
EMERGENCY EXIT CORRIDOR
EMERGENCY EXIT CORRIDOR
EAST LOBBY
EAST ENTRANCE
STAIRWAY
TO FIRST AID & MEETING ROOMS A B C D E
Ladies Rest Room
EAST LUNCH COUNTER DISPLAY
MAIN LOBBY
MAIN ENTRANCE
WEST LUNCH COUNTER DISPLAY
Men's Rest Room
TO DIRECTOR'S OFFICE
TO CAFETERIA
WEST LOBBY
WEST ENTRANCE
CAFETERIA RECEIVING ROOM

A FAMILY OF TURF CARE SOLUTIONS — FROM GOOSSEN —



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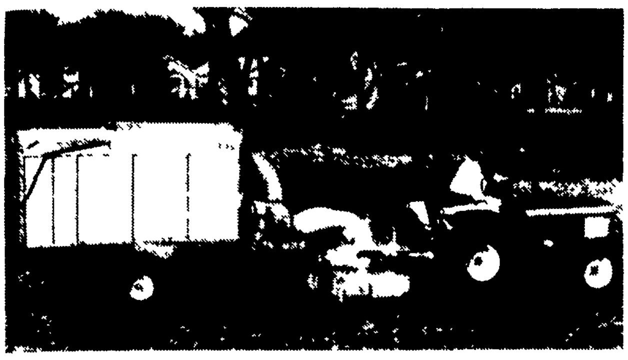

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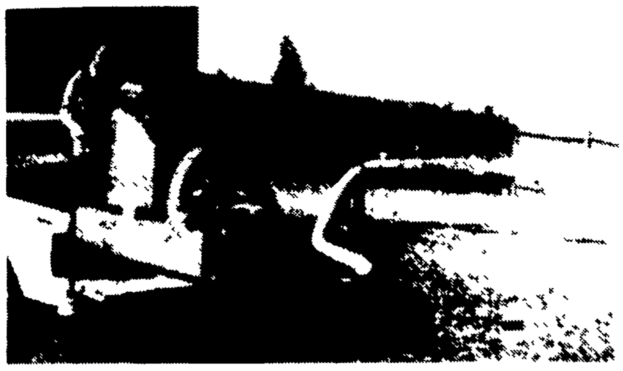
The Goossen Power Rake 'n'Vac rakes and sweeps a 5-foot swath. The PTO-driven flexing flail unit has a floating deck, riding on 10" rollers. An 11 H.P. engine runs the Vac, which also accommodates a hand-held hose for use in ditches and areas where obstacles prevent tractor/flail unit access.



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THE MULCHING SOLUTION.**

Goossen's Bale Chopper— the "Mulching Solution"— is available in PTO models (with built-in bale carrier) and 11- H.P. self-powered models that fit easily into the back of a pick-up. The Goossen Bale Chopper takes less than 60 seconds to uniformly shred and apply a full bale of straw.

The versatile **Goossen Rake 'n' Vac System** lets you start with just the components you need.

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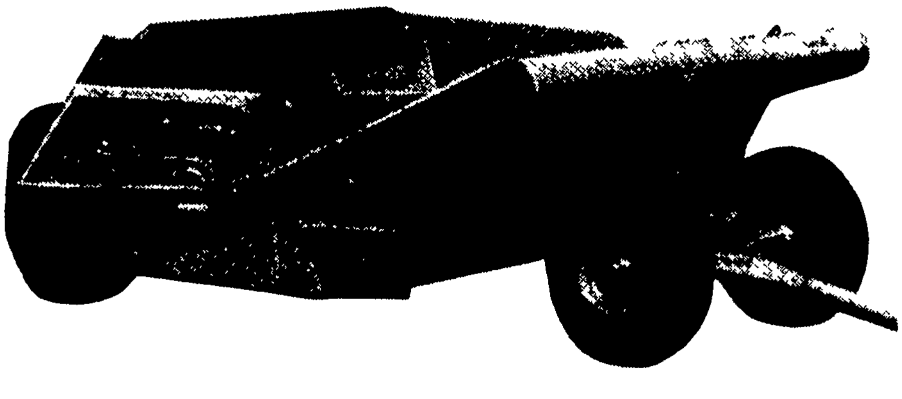

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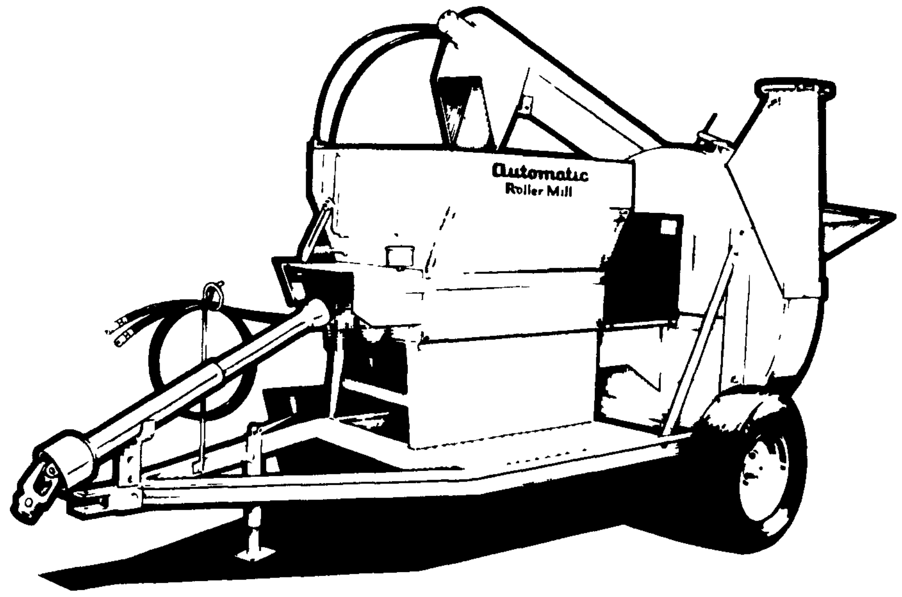

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- You Can Observe
  To Each Cow's A
  Need

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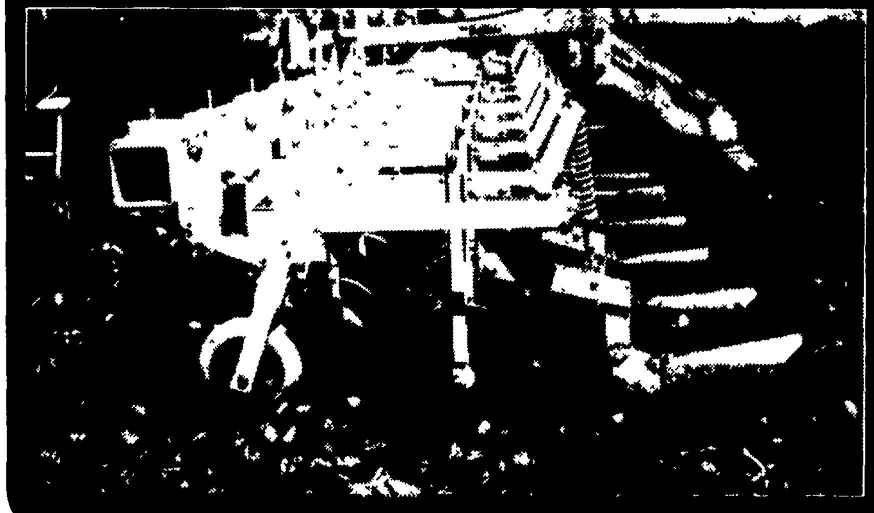
»»Buffalo→
ALL-FLEX CULTIVATOR NO. 1 WEED KILLER



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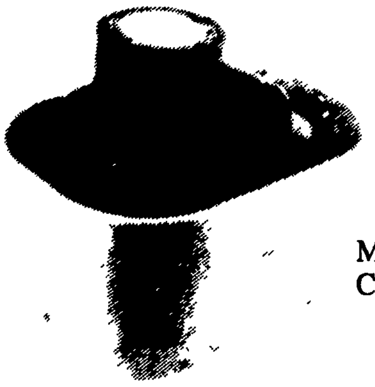
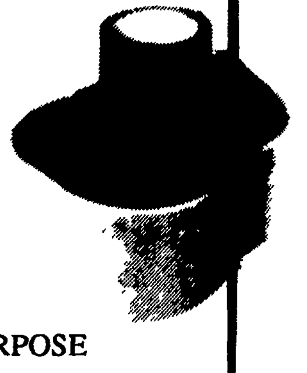
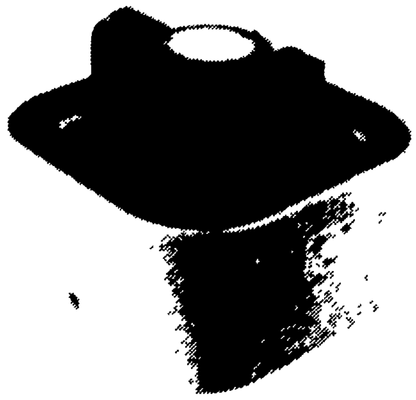


MODEL C2
CATTLE 2 DRINK



MODEL S2
MULTI-PURPOSE
2 DRINK



MODEL C4
CATTLE 4 DRINK

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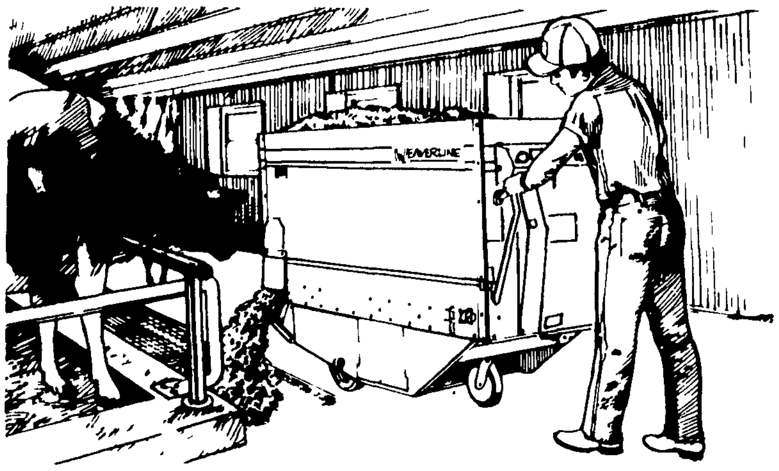

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u Can Vary The Amount
Each Cow
scharge Door Prevents
ill While In Transport
u Can Observe & Adjust
Each Cow's Appetite &
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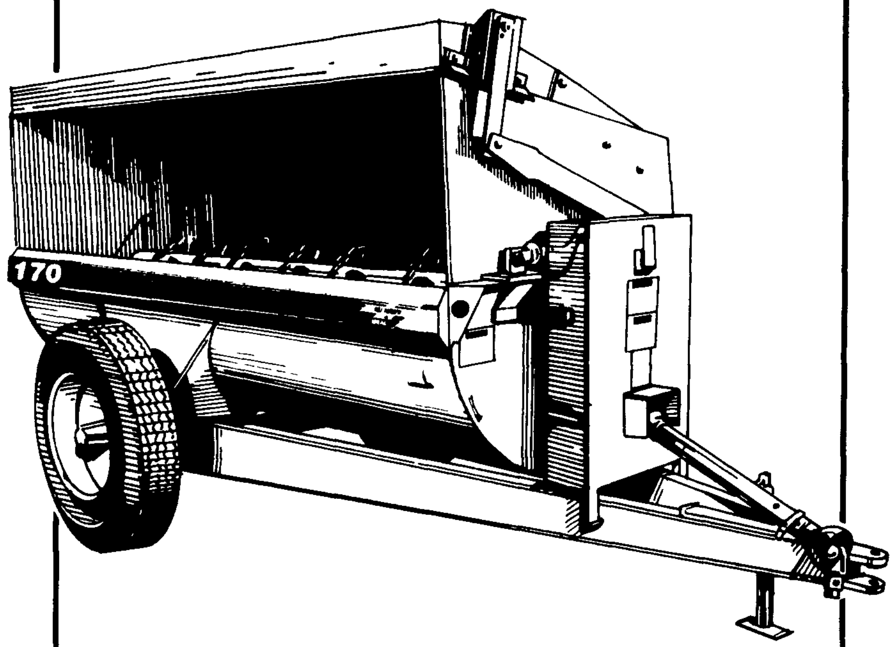

Spread's the word at Ideal Industries with a line of manure spreaders that are big on performance - but easy on your budget! Ideal's Nu Hawk flail tank spreaders offer a more efficient, less expensive solution to all your manure spreader needs. And Nu Hawk spreaders are competitively priced to provide a more economical way to fertilize and build up the organic matter in your soil.

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Shreds Stalks Yet Won't Plug Up!

The perfect tool for ridge and minimum till

Low-Cost
FUERST
F-L-E-X-I-B-L-E
TINE
HARROW

The Fuerst harrow cleans ridge tops, creating excellent seedbed. Unique "Spreading Action"® tines hug the soil at faster speeds to shred and evenly spread no-till stalks in the spring.

"I believe the harrow works as good as a stalk shredder; it lifts and shatters the stalks and yet doesn't tear up the ground."
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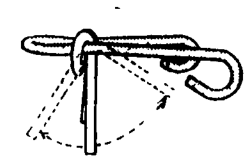

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Fuerst's free swinging "Spreading Action"® tines make it the ONLY harrow that can effectively incorporate *and* shed trash

Dozens of uses:

The harrow used behind a disc or cultivator, incorporates herbicides in one pass. Used alone, it covers broadcasted seed, renovates, maintains pastures and more.

The harrow/cart (an optional harrow carrier as shown) follows tight turns, has folding wings for easy transport. Harrow and cart are available in 16 to 42 ft. widths.

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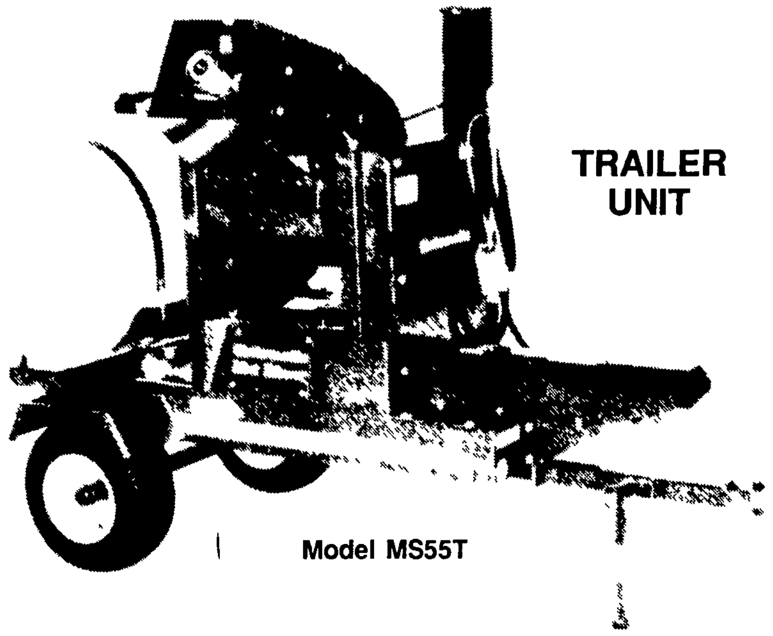
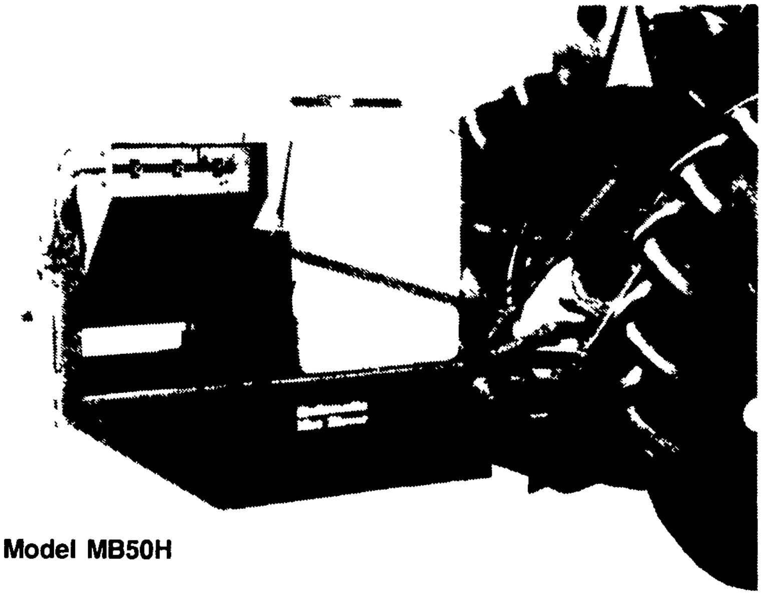
Automatic MIST SPRAYERS

Row Crops, Vegetables, Orchards And Trees



Model MS55T



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Exhibitors List And Meeting Schedules

COMMERCIAL EXHIBITORS

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SCHEDULE OF AGRICULTURAL ASSOCIATION MEETINGS HELD IN CONJUNCTION WITH FARM SHOW WEEK

The Pennsylvania State Farm Show presents an excellent opportunity for agricultural associations to conduct their meetings because many of their members people are already in Harrisburg for this annual agricultural extravaganza. Meeting rooms are available in the Farm Show Complex and can be reserved by calling 717-787-5373.

SATURDAY, JANUARY 5, 1991
8 AM- Pa. Cooperative Swine Breeders - Small Arena.
12 Noon- Pa. Chester White Swine Association - Swine Barn.
3:30 PM- Pa. Duroc Breeders Association - Small Arena.
5 PM- Pa. Florists Association - Room A1.
6 PM- Farm Show Dinner - Hershey Convention Center.

SUNDAY, JANUARY 6, 1991
12 Noon- IFHYA - Room C.
2 PM- Pa. Suffolk Sheep Association - Room A1.

MONDAY, JANUARY 7, 1991
12 Noon- Penn Ag Democrats - Room C.
1 PM- Pa. Master Corn Growers Association - Room E.
1 PM- Pa. State Grange - Room B.
3 PM- Pa. Farm-City Council - Room A1
3 PM- Penn Ag Republicans - Room C.
5:30 PM- Pa. Society of Farm Women - Penn Harris.

TUESDAY, JANUARY 8, 1991
9 AM- Pa. Society of Farm Women - Rooms D & E
9:30 AM- Master Farmers Roundtable & Meeting - Penn Harris.
11:30 AM- Pa. Polled Hereford Association - Room C.
12 Noon- Master Farmers Luncheon - Penn Harris.
12 Noon- Pa. Brown Swiss Association - Room D
1 PM- Pa. Simmental Association - Room A1.
2 PM- Pa. Livestock Association - Room C.
6 PM- Pa. Dairymen's Association - Sheraton East.
7 PM- Pa. Foundation Seed Cooperative - Room A1.
7 PM- Pa. Horse & Mule Breeders - Room E.
7 PM- Pa. Rabbit Breeders Association - Room C
8 PM- Pa. Limousin Association - Western Sizzlin Steakhouse.

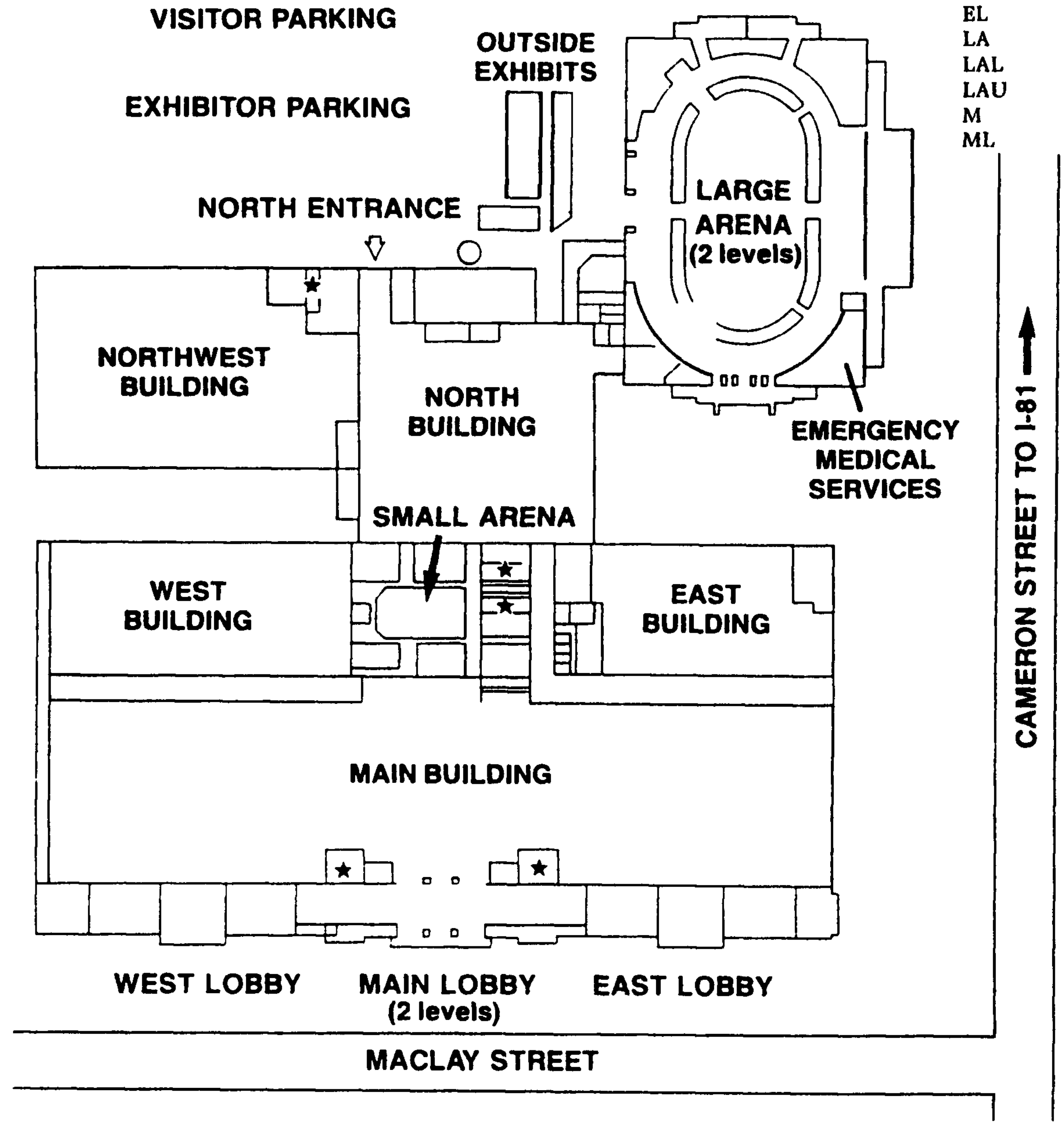
WEDNESDAY, JANUARY 9, 1991
12 Noon- FFA Annual Convention - Forum Building
12 Noon- Penn State Extension Service - Room E.
3 PM- Pa. Ayrshire Breeders Association - Room D.
6:30 PM- Pa. Beef Council - Sheraton East.

THURSDAY, JANUARY 10, 1991
9 AM- 4-H Potato Grading - Room E.
9:30 AM- Pa. Nut Growers Association - Room C.
1 PM- Pa. Maple Syrup Producers Council - Room D.
6 PM- Pa. Cooperative Potato Growers - Sheraton East
7 PM- Pa. Charolais Association - Maverick Steakhouse

FRIDAY, JANUARY 11, 1991
7:30 PM- Pa. Lime Fertilizer & Pesticide Society - Embers Restaurant.

NOTE: Meeting Rooms A1, B, C, D & E are located on the Second Floor of the Farm Show Complex above the East Lobby.

FARM SHOW COMPLEX



KEY:

E	East Building	MS	2nd Floor, Main Building
EC	Entire Complex	N	North Building
EL	East Lobby	NW	Northwest Building
LA	Large Arena	O	Outside Exhibits
LAL	Large Arena, Lower Concourse	SA	Small Arena
LAU	Large Arena, Upper Concourse	W	West Building
M	Main Building	WL	West Lobby
ML	Main Lobby		

GENERAL INFORMATION FOR FARM SHOW VISITORS

* **Dates:** January 6 through 11, 1991.
* **Hours:** 1 p.m. to 6 p.m. on Sunday; 8 a.m. to 9 p m Monday through Thursday; 8 a.m. to 4 p m. Friday.
* **Admission** is FREE for all events during Farm Show Week
* **The Farm Show Complex** is located along Cameron and Maclay Streets in Harrisburg, just off Exit 23 of Interstate 81. Other major arteries also lead to the Complex.
* **Parking** is available on the 60-acre site for $2 per vehicle. Overflow parking is offered at the Harrisburg Area Community College (HACC).
* **Shuttle bus service** will be provided from the Harrisburg Area Community College to the Farm Show Complex by Capitol Area Transit. The fee is 60 cents per passenger each way.
* **Handicapped Parking and access areas** are located at the West Circle, North Entrance and Large Arena.
* **Restrooms** are located throughout the Farm Show Complex.
* **Coat Checks** are located in the Main Lobby and Large Arena. The fee is 50 cents per item
* **Information booths** are located throughout the Complex. If you can't find a display or need the starting time of an event, just stop by one of the six booths.
* **Security** during the Farm Show is provided by the Pennsylvania State Police, Farm Show Security and contracted security services.
* **Lost & Found Items** are kept in the Farm Show Security Office, located in the corridor between the Main and North Buildings.
* **Food** is available throughout the Complex The commodity food booths are now located in the East Building. With seating for 600 people, the Cafeteria on the 2nd floor of the Main Building offers complete meals and alacarte items
* **The Emergency Medical Services Room** with doctors, nurses and ambulance attendants is located on the Lower Concourse of the Large Arena.
* **Public pay telephones** are available throughout the Farm Show Complex
* ***The Director's Office and Press Room*** are located on the Second Floor over the Main Lobby.

EXHIBITION AND MEETING SCHEDULE

Time	Saturday Jan. 5	Sunday Jan. 6	Monday Jan. 7	Tuesday Jan. 8	Wednesday Jan. 9	Thursday Jan. 10	Friday Jan. 11
8 AM	Swine Breeders Assoc. - SA			PA Farm Women - Rooms D & E, 9:30 a.m. Master Farmers Roundtable - Penn Harris.		4-H Potato Grading - Room E; 9:30 a.m. Nut Growers Assoc - Room C	
10 AM							
11 AM	11:15 a.m. Non-Dem Worship Service - LA		Cooking Demo - WL	Cooking Demo - WL; 11:30 a.m. Polled Hereford Assoc - Room C.		Cooking Demo - WL	
Noon	Chester White Swine Assoc - Swine Barn, 12:15 p.m. Grand Opening Ceremonies - LA	IFHYA - Room C	Ag Democratic Luncheon - Room C.	Master Farmers Lunch - Penn Harris; Brown Swiss Assoc. - Room D	Mid-Winter FFA Convention - Forum; Extension Service - Room E		
1 PM		Cooking Demo - WL	Cooking Demo - WL; State Grange - Room B; State Master Corn Growers - Room E		Dairy Of Distinction - Room D	Maple Syrup Council - Room D; Cooking Demo - WL	
2 PM		Suffolk Sheep Assoc - Room A1		Cooking Demo WL; Simmental Assoc - Room A1			
3 PM	3:30 p.m. Duroc Swine Assoc. - SA	Cooking Demo - WL	Ag Republicans - Room C, Farm City Council - Room A1; Cooking Demo - WL.	Livestock Assoc. - Room C	Aynshire Breeders - Room D; Cooking Demo - WL.	Cooking Demo - WL	
4 PM							
5 PM	Florists Assoc. - Room A1	Cooking Demo - WL	Cooking Demo - WL; 5:30 p.m. PA Farm Women - Penn Harris.	Cooking Demo - WL		Cooking Demo - WL	
6 PM	Farm Show Dinner - Hershey Convention Center			Dairymen Assoc. - Sheraton East.	6:30 p.m. Beef Council - Sherarton East.	Potato Growers - Sheraton East	
7 PM			Cooking Demo - WL	Foundation Seed Co-op - Room A1, Horse & Mule Breeders — Room e, Rabbit Breeders Assoc. - Room C, Cooking Demo - WL 8:00 p.m. Limousin Assoc - Western Sizzlin	Cooking Demo - WL	Charolais Assoc. - Maverick Steakhouse; Cooking Demo - WL.	7:30 p.m. Lime, Fertilizer & Pesticide Society - Embers Restaurant.

NOTE: Meeting rooms A1, B, C, D & E are located on the Second Floor of the Farm Show Complex above the East Lobby.

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- Master Lock
- Valvoline
- Green Thumb
- Mobil
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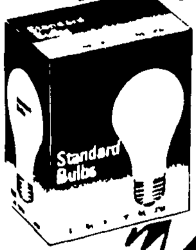
- Servess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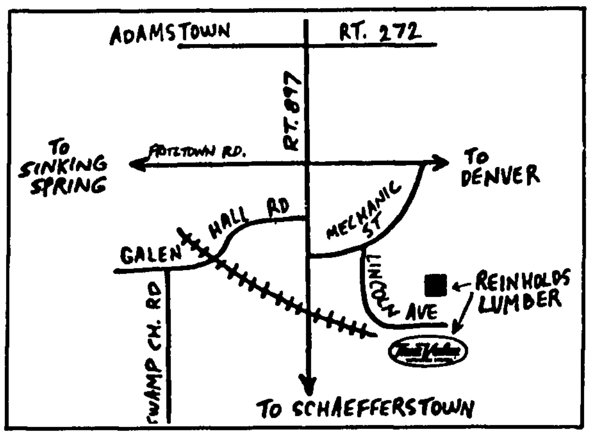
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QUALITY — PRICE — SERVICE

U. of Md. Dedicates Center

COLLEGE PARK, MD. — Representatives from the University of Maryland College Park, Virginia Tech, the Maryland Department of Agriculture, and the Maryland Racing Commission officially opened the Avrum Gudelsky Veterinary Center at College Park on October 26, 1990.

The center is the new home of the Maryland component of the VA-MD Regional College of Veterinary Medicine. The $12.5 million complex is a state-of-the-art research, teaching, and service facility designed to meet the needs of agribusiness and veterinary medicine in Maryland. It houses classrooms, research laboratories and offices. It also includes regional laboratories for the animal health section of MDA, and drug testing laboratories for the Maryland Racing Commission.

The center is named after Avrum Gudelsky, a young man who had a great interest in the health and well being of animals. He was killed at the age of 31 in a motorcycle accident during the 1978 Grand Prix Race in Toronto. To honor his memory, his parents, Homer and Martha Gudelsky, established in 1980 the Avrum Gudelsky Fund to support research activities in the agricultural and life sciences at the University of Maryland. It is the generous support of the Gudelsky family that has made the Veterinary Center a reality.

New Fee Schedule for Maryland Animal Health Laboratories

Dr. Henry A. Virts, State Veterinarian, Maryland Department of Agriculture, reports that certain services provided by Maryland's five animal health diagnostic laboratories will no longer be provided free of charge. Because of ever increasing operating costs, this change in policy will be implemented January 1, 1991.

The new fee schedule was developed by the five laboratory directors after extensive consultation with selected practitioners, the department's field veterinarians, and their counterparts in neighboring states. Necropsy of Maryland farm animals, wild animals, and commercial poultry will still be offered without charge. Certain basic diagnostic tests will be included with this service. Tests mandated by cooperative Federal-State disease eradication programs, e.g. brucellosis and pseudorabies, will still be free. The new fees do not reflect the total cost of performing the numerous tests available. The intent is simply to recover some of the cost of supplies, reagents, and equipment so that the laboratories can continue to offer up-to-date services in the face of escalating costs.

Unless the fees are paid at the time of specimen submission by the owner or submitter, the referring or submitting veterinarian will continue to be billed by MDA. Every attempt will be made to contact veterinarians before performing the test(s). The laboratory directors request that veterinarians return such calls promptly to avoid deterioration of samples. Dr. Virts and his staff are seeking improvements in the state's billing procedures, so that veterinarians will receive a monthly statement rather than a multitude of invoices.

The details of the fee schedule will be available at the laboratories later this month. Meanwhile, veterinarians with questions or comments are invited to call him or Dr. Roger Olson at (800) 492-5590, extension 5810, or the director of their nearest animal health laboratory.

New Antidote Depots in Maryland

A new poison antidote depot has been established on the Eastern Shore, and another has been relocated in Baltimore County. Each depot stocks atropine sulfate, methylene blue, sodium nitrate and thiosulfate, calcium EDTA, vitamin K1, and activated charcoal.

Depot withdrawals are to be used for emergency treatment only. The depot system is designed to assist veterinarians in treating toxicoses during catastrophic occurrences in which available inventories have been exhausted. Antidotes are available only by veterinary prescription, but depot personnel can dispense antidotes to the authorized representative of a requesting veterinarian. Veterinary practitioners must provide their name and address, phone number, and current state veterinary license identification number to depot personnel at the time of their request for antidotes. Requests for antidotes should be initiated by a phone call to the depot.

Items will be issued from the depot as intact units (no partial bags, bottles, or vials). Fees for antidotes will be based on the cost of replacing the item at the time the item was dispensed. There is no service charge for using the depot system. The Maryland Veterinary Medical Association has the responsibility for invoicing, reordering, and stockpiling antidotes. The veterinarian of record, and not the animal owner, is accountable for the fees charged by the MVMA.

At each depot center, a set of guidelines will be available for veterinary practitioners. The guidelines will provide, in tabular form, the uses, dosages, and methods and precautions of administration for those antidotes that are maintained by the depots. It should be emphasized that the information provided represents current recommendations, and will be updated as new data become available.

The depots are not poison information centers. Veterinarians who require information on the incidence, diagnosis, treatment, and prevention of poisoning and chemical contamination in animals are directed to call the National Animal Poison Information Network Center. Their 24-hour toll-free telephone number is (800) 548-2423. There is a $25 charge for each phone call.

Addresses and Phone Numbers of Antidote Depots in Maryland

- Glade Valley Animal Hospital, Inc., 8032C Liberty Road, Frederick, MD (301) 663-5591.
- Dr. Michael W. Radenbaugh, 1535 Mt. Carmel Road, Parkton, MD (301) 343-0150.
- Drs. Joseph and Donna Nizolek, Community Animal Hospital, 9679 Ocean Gateway (Route 50), Easton, MD (301) 822-4475.

Ag Changes Under Exam At Conference

UNIVERSITY PARK (Centre Co.) — "The Changing Shape of Agriculture" is the theme of the annual Lime, Fertilizer and Pesticide Conference to be held January 15-17, 1991 at the Days Inn at State College.

The event, sponsored by Penn State's College of Agriculture, will focus on a wide range of agricultural trends and developments. On January 15, Dr. G. Edward Schuh, dean of the Humphrey Institute of Public Affairs at the University of Minnesota, will deliver the keynote address, "Global Economics Issues Affecting U.S. Agriculture in the '90s."

H. Louis Moore, professor of agricultural economics, will present "The Changing Shape of Agriculture in the Mid-Atlantic Region." Other topics to be covered include the impact of the 1990 farm bill on the fertilizer, pesticide, and farm industries in Pennsylvania; insect and herbicide resistance for crops; the packaging and handling of pesticides; and nitrogen management. Penn State faculty members and industry representatives will provide expertise for the session.

The pre-registration fee for the conference is $40. There is an additional $17 fee for registrants who wish to attend the banquet on January 16.

For registration information, write to Lime, Fertilizer & Pesticide Conference, 306 Ag Administration Building, University Park, PA 16802, (814) 865-8301.

Protect Your Shrubs From Winter Burn

COLLEGE PARK, Md. — Don't be fooled by recent mild temperatures — winter's chill is on its way. And that can mean trouble for some landscape plants.

Broadleaf evergreens, such as azaleas, rhododendrons and hollies, are particularly vulnerable to winter damage, according to Dr. Frank Gouin, horticulture specialist with the Maryland Cooperative Extension Service.

The most common injury, he said, is winter burn, which is caused by the drying out of foliage. Winter burn occurs when the ground is frozen and soil moisture is unavailable to the plant.

You can help protect your shrubs from winter burn by watering them during cold, dry weather. Sheltering plants from winter wind with burlap screens also is an effective — albeit aesthetically unappealing — technique.

"Don't wrap the shrubs with the burlap," Gouin said. "This prevents air circulation and can cause mildew. A windscreen placed in front of the bushes is a better idea."

To enhance leaf and flower production in the spring, Gouin recommends fertilizing broadleaf evergreens after the first frost.

"Just make sure you follow the directions on the label," he said. "Over-fertilizing can kill plants."

For more information on winter garden care, contact your local cooperative extension service office.

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860 Schwartz mixer wagon, elect scale, good cond , asking $6200 Berks Co 717-866-6964

Shelled black walnuts $5 per pound, mail order possible Cumber Co 717-776-4523

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1980b Ford F-250 4 wheel drive auto fiberglass topper lock out hubs no rust, no dents 717-345-2488.

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JD semi-mounted 1350-1450 6-16- trip plow, $1250, JD 3 btm. trailer plow hyd. lift $450, trip plow, JD 407 rotary trailer mower 8 ft. wide, $850. Roland Hackman, RR 3 Box 536, Lewisburg, Pa. 17837.

Top quality hay, not rained on, custom feed for sheep or cattle. Hilltop Haven. Howard Co. 301-854-6741.

1920 Model T Chevy 1-ton truck 99% orig excel cond., drive anywhere $12000 or best offer. 301-798-6263.

Reg. walking horse mare, gentle well trained, also gentle gelding for sale, $1500 ea. Lanc Co 215-445-5372 for details

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2- IBM copier II's, extra supplies & maintenance records, $300 OBO Sullivan Co 717-924-3756

Duraliner for longbed S-10 pickup $120, free fire kindling, also Eskimo dog Leb Co. 717-273-5518.

NH baler #68 w/thrower for parts $250. 717-273-5770 or 867-1349 eves.

36-90 tobacco shed, 4000 gal. water tank. Aaron Reiff, Dry Tavern Rd., East Earl, Pa. 17519., Goods Mill 897.

8-used tires 16"&16.5" best offer, 2 flat wagons 8'x18' beds, 6 ton gears, $500/ea. Lanc. Co. 717-872-8572.

1 pair of new never used tire chains to fit IHC Cub Cadet lawn tractor $75 OBO. York Co. 717-225-6987

JD 420 crawler w/JD loader in real good cond., $4,500 Lanc. Co. 717-733-0511.

JD 1209 mow conditioner good cond., $1500 Yates Co N Y. 716-554-3106

Mack end 673 engine & trans good running cond , already out, $600 OBO Dau Co 717-566-8689.

1979 Diesel Oldsmobile Cutlass, 1 owner, good running cond , body in good shape $500 Chester Co Best after 6 p m. 215-347-2175

2- 11 00-16 3 rib 6 ply Firestone tires on 6-lug 8" JD rims $40 ea 2/3 tread. Wanted coal stove Berks Co. 215-856-1103.

55'x8" transport auger PTO like new $2500, 1957 GMC truck 26,000 GVW runs good cond Chester Co 215-286-6918.

1 pr 2 coming 3 yr. old nice blonde sorrel Tenn. molly mules gentle & broke around all farm machinery, 2 pr. 3&4 yr. old jacks broke. Leb. Co. Stephen G. Lantz, 305 Iona Rd., Lebanon, Pa. 17042.

2 row 3 Pth. cult., IH 3 btm. F.H. plow, both in good cond. Wanted 38" tractor tire. Sch. Co. 717-467-2609 after 6:30 p m.

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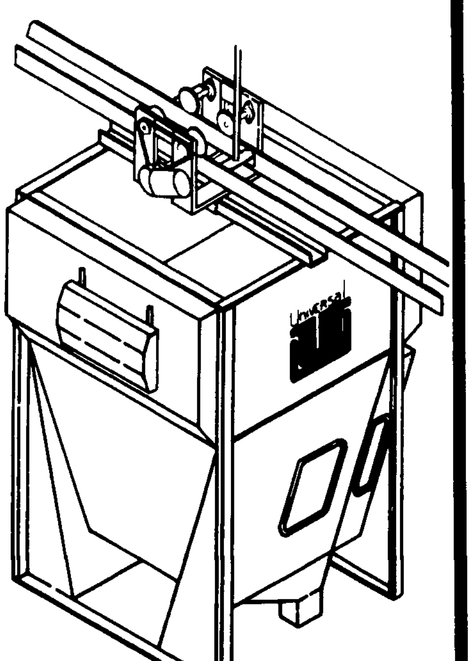

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Mobile home 1971 12x60 fair liveable cond., finished new house priced to sell $1,000. Berks Co. 215-367-9879.

1981 Olds Cutlass Supreme V8 auto AC, very good cond., $2495, OBO, 2 Jersey heifers $850 OBO. Lanc. Co. 717-653-8703.

2- 1977 Toyota Celica hatchbacks, 1 runs & 1 for parts, both for $500. Chester Co. 215-383-9668

Yamaha XT 200 1981 needs work or great for parts as is $75. Montg. Co 215-584-8122 anytime (firm)

504 Int. 700 hrs , 90% rubber 2001 loader manure fork manural trip 3 pt front hitch, $5200 delivered. Snyder Co 717-837-3745.

Service age Jersey bull good built $550 OBO Lanc Co. Alvin Beiler, 32N. Little Britain Rd., Quarryville, Pa 17566

Case 1690 tractor 2000 hrs , standard & hi-crop kits $9000. Lacka Co. 717-587-1271, 586-1921

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Tobacco press 3 parts for 609, also minnie press, 275 gal. fuel tank. Lanc. Co. 717-354-6602.

JD operation, repair, farm machinery, 10th, 12th, 21st editions, $25 ea., pocket ledgers 1929, 1945, 1949, $15 ea. 716-554-6479

Farmall 100 tractor w/all six implements $2200, mounted 2 btm plow for Farmall C $175 Montg Co 215-489-7818.

F2L-712 22 hp Deutz diesel w/clutch shows some age $500 or make offer. David E. Blank, 170 Blank Rd , Narvon, Pa 17555.

Feed oats, 2 HP elect. motor $75, 3½ HP 3450 RPM elect motor $100, IH grain drill $250. Perry Co 717-444-3968

New 1500 MW round hay baler, also plastic wrap, complete oats straw hay 814-267-4953

JD tractors model A, B, 70 diesel & 70 gas, IH 3514 loader-backhoe Northampton Co. 215-253-4263 after 7 p.m.

Indian peafowl- peacocks, 1990 hatch blue, pied & white avail. Richard E. Burger, Newark, DE. 302-994-0508.

White 704 4 row narrow corn head good cond. Jefferson Co. 814-427-2248.

A-C-B plow cult., JD 2 btm. plow 2 row IH corn planter, 9-ton trailer, IH MF grain drill, Cub Cadet, 10 HP. 215-767-2217.

2-way plow for AC, Killbros gravity wagon, JD 4-R plate planter, 42' elevator w/ motor, Behlen wire corn crib, Oliver husker 1-R picker, 1956 Intl PU, used refrigerators (3). Montg. Co. Md 301-349-2516.

Northfield uni-pt. radial saw x 36 AF 16" 5 HP, JD 70D. Warren Co. 201-453-2491.

Puppies black & white mother border collie purebred good farm dogs, $25 ea. weaned. Cecil Co Md. 717-398-2751.

Used Menn. 2 seat carriage, make offer, can deliver to Lanc. Co., also 35 Amp. Nu-Tech plasma cutter Bedford Co. 814-766-3591

Consigning 4 Berkshire Bred Gilts to 1991 Pa Farm Show to be sold on Monday, Jan 7 at 10 00 A M D J Grumbine & Sons Call 717-866-6218 or 717-272-4641

For Sale· BK wood-burning boiler supplemental heating furnace, 150,000 BTU's w/domestic hot water attachment, $300 Berks Co 215-682-7065

Meyers 225 bu manure spreader, used daily good cond Warren Co N J 201-454-4963 or 454-1618

1984 JD 4850 FWD 20 8x38 radials, cab & air, triple remotes, quick hitch w/1500 hrs , excel cond., $45,500, 1987 JD 2955 FWD, w/roll bar, canopy, 18 4x38 tires, 2 remotes, 1200 hrs., excel. cond , $22,500. Gary Schumann 603-826-3904 after 6 p m.

Cat 951C, new chains, rollers, g-plugs, radiator, oil cooler, final drives, hyd. pistons repacked, pinned, bushed, $20,500. Somerset Co. 201-722-5399.

NI 323 1R corn picker $2500, IH 2 bottom trailer plows $75. Bradford Co. 717-746-3224 after 5PM.

JD M circa 1946 needs work, good parts tractor. Also old A.. Burl. Co , NJ. 609-953-3601.

Home Comfort wood coal range 10-A NI manure spreader. Reg. Percheron horses Used horse equip Fred. Co., Md 301-845-8650 after 8PM.

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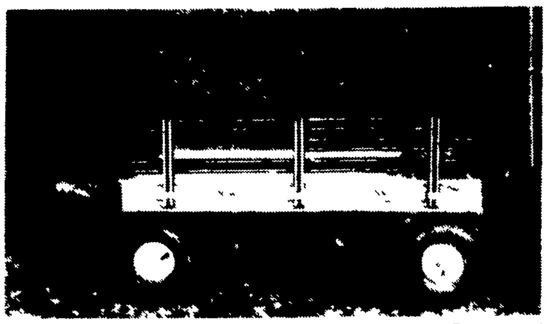

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6' Case stalk shredder $150, four 4 lug Ford alum. mag wheels 14" $150. North'd Co. 717-758-3387.

Riteway wood/coal stove $250. Heats large area, allniter, takes 20" pieces, good cond. Berks Co 215-929-0648 9AM-9PM.

45' storage trailer $400 1964 Chev dump truck rough $400 79 Ford cab 9000 $700 Lanc Co 717-548-2286

Saddlebred carriage horse traffic safe, 7 yrs old, 16 H Levi M Hoover, 1627 Center Church Rd , East Earl, PA 17519

1975 Mack R model 18' flatbed dump 33,000 GVW inspected Also DM cab hood radiator front axle fuel tanks Lanc Co 717-898-0271

Thickness planer 26" $1250, belt pulley for Far mall Cub $75, Caterpillar D2 bulldozer $2650 Flemington, NJ 201-782-3391

Lindsay home water treat ment system 2 fiberglass tanks w/control heads for iron filtration and pH $75 Chester Co. 215-983-9550 eves.

1985 Snowmobile Yamaha Pfazer good cond., $1500 Northampton Co 215-868-9259

White 2-135, 2900 hrs , C/A w/new Q/T 1185 loader, made for large tractors 104" bucket, $21,000 or will separate 607-838-3318

Surge 15 KW PTO alternator mounted on trailer good cond., $1150. Lanc Co. 717-653-4470.

Standardbred buggy horse trotter, traffic safe, 10 yr old, $550. Lanc. Co. 717-354-5696

Oliver 3-16" plow on rubber w/lift cyl. excel. cond , w/ extra parts Gloucester Co. 609-478-6090 after 6 p.m.

Firewood for sale, seasoned & split, wild cherry & some mixed. Lanc Co 717-786-3306 eves

Wheel horse sub 400 mower deck, Herc power unit parts, tin, transmission, fly wheel, gas tank York Co 717-741-0274

Eskimo pups $30 a piece Wanted Male peacock Write to Christian S Miller, 1105 Vintage Rd , Quarryville, Pa 17566

Scale Marting single animal 400 lb needs paint asking $400, 1000 lb platform scale $75 old but it works Hunterdon Co 908-782-3179

Arctic Cat 1987 snowmobile good cond , low mileage Montg Co 215-233-1030.

Good roads 10' 2 way power angle snow plow, all brackets & hyphnics inc. for heavy tk. 717-284-4505.

Myers pump jack, cattle head gate. Lanc Co 717-733-2764.

Cub w/belly mower $2100, M-M super 4 star $2100, 10' trans. disc nice $1000, Int. 8' pull disc, $200. Carroll Co. Md. 301-374-6493

Round locust posts 7' long, also cut your own firewood $10 pickup load. No Sunday calls please Perry Co 717-789-4242.

Snow plows to fit JD B $200, JD M $150, AC $75, front blades for Ford MF $150. York Co. 717-292-4416.

Snow geese blue $90, white $100, barnade geese $135, cacklers $135, male humes bartailed pheasant $50. Berks Co. 215-683-8426 after 8 30 p.m.

Oliver 770D, bad ring gear, good engine, 3 pt. hitch, wide front, whole or parts, 88 rear end. Fayette Co 412-438-4836.

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Saddlebred horse coming 4 yr. old needs work $1100. Lanc. Co 717-859-3456

Fire company mugs, glasses, plus Avon shaving lotion bottle collection, make offer or trade Walter Lee, Box 1036, Elkton, Md 21922.

Storage trailer 45' long $650, can deliver Cecil Co Md 301-287-5277.

Gravely tractors, numerous attachments selling separately or together, 8-spd electric start, clean, snowblowers, blades, mowers, sulkies. 301-398-7680.

2-Clark forklifts 5000# 1000 ea. 85 cu. in. air compressor gas on trailer, $500, 2 drill presses floor mo. 3 spindle, $175 ea., Morris Co. N J. 201-334-2100 8 a.m.-3 p m.

JD #110 garden tractor w/10 HP Kohler engine, 42" mower, 42" snow blade, & JD vinyl cab enclosure, excel. cond., $1100 can deliver. Del. Co. 215-368-5839.

JD 7000 12 row front fold planter liq. fert., insect. monitor w/unit coulters $8,500 best offer. Northampton Co. 215-588-7142.

Basset Hound 9 mths. old w/all papers & shots, needs TLC. Northampton Co. 215-837-6356.

Meyers snow plow complete, manual angle $550 2 hay wagons $125, $150. Carroll Co., Md 301-795-2527

Belarius tractor 4WD 85HP full cab AC heater low hrs. very nicer $12,900 w/10' new Bushhog $15,100 Winchester, VA 703-869-6187

2 Ford flathead motors w/4 spd. trans for restoring for F3 yrs 1949-54 $75 ea OBO 125' of ¾ " hvy. duty flex. cable $35 OBO. Montg. Co. 215-539-5045.

Four 12Rx22.5 Michelin drive axle recap tires on Budd wheels 70% tread $165 ea. Cecil Co, Md 301-287-5277

NI manure spreader #218 3 beater. Onan generator 25KW on trailer & hookup box. Billy Slater, Damascus, MD

4R 36" corn head for L or M 10' Baker snow plow w/ truck mounting like new. 1985 Tempo 4 dr. North'd Co. 717-672-2453.

AKC Collie pups, sable/ white. Also tri-color. Beautiful markings, excellent pedigree. Sire & dam on premises $200. Hunt. Co 814-448-2541.

Mechanical plastic mulch layer w/tunnel attachment good cond $850. 7' snowplow blade w/hyd. lift for Int. M $300. Sch. Co. 215-562-5502

175 treated syp fence posts, 4-5" diameter, 7' long, $2 50 ea. Perry Co. 717-567-6266.

Cub w/culti. Plow, sickle bar, 4' disk snow blade cultivators for Cub, A, A-V. Side dressers for JD, IH H, A. Hay, grav. wagons. Salem Co 609-358-8625.

Collector's item old DeLaval No. 15 milk separator in good cond. 717-392-1811.

Pair new 18.4-38 heavy duty tractor chains $175. York Co 717-235-2032.

100 gal. hyd. oil tank (on resevoir) like new. Bennie King, 786 Buck Rd., Quarryville, PA 17566

White Mountain 12 qt ice cream freezer hand crank or power driven good cond 215-267-7049.

Unstyled JD A tractor, spore wheels, 2 bottom Int. trailer plow. 7' JD disc. Leb. Co 717-866-4294.

Case 336 dsl. engine complete w/heads blower pump starter flywheel bell fan needs rebuilt make offer. Dauphin Co. 717-647-9124.

Reg. Great Dane pups- 3 black females $200, 2 fawn males $150. Ready first week of Jan. Somerset Co. 814-267-5264.

Fox water troughs comp. w/ valves approx. 75 units $5/unit take all, or $7/unit. Ask for Ric- 717-229-2720.

Big tomato cages. 2500 30¢ ea., smaller amounts 35¢ ea. D.M. Stauffer, RD1 Box 491, Port Treverton, PA 17864.

Half Arabian mare, 2 yrs., rides, drives, flashy, $600. Cart & harness, $250. Also pony cart & harness. Sch. Co. 717-648-4484.

Brillion 5' heavy duty beater on wheels $400. NI 12A manure spreader ground drive $500. Salem Co. 609-299-3211.

5 V-type snow plows, 5½ '-12'. 1982 2 horse tractor $1200. 717-345-4882.

New manifolds F12 $180, F20 $230, F30 $250, WK40 $560, H $160, M $180, C&B $80, JDB $110, L $100. Ben J. Kinsinger, RR 1 Box 234A, Meyersdale, Pa. 15552.

Farmall regular parts: head, exhaust manifold, pistons, oil pan etc. Northampton Co 215-261-1015

Generator AC volts 120 or 260 KW4, RPM 1800 $150 ok 215-484-1044.

NI 214 manure spreader has end-gate gratz web $675, NH farm mex hay & grain elevator $675, 200 Farmall tractor fast-hitch $1375. 717-354-0266.

Cushman motor scooters wanted, 1940's-1960's any cond., also wizzer motor bikes, 1940's, 1960's any cond. Call Leon at 717-859-4297.

Agri link hay basket used 2 yrs., $1600. Bedford Co. 814-766-3415.

House bell, Fairbank platform scale 500 lb. cap, Magic Chef gas stove in good working order, muskrat traps. 717-354-0616.

Limousin bulls full blood to 2 yr. many avail. most halterbroken see some at farm show Lenape Limousin. Montg. Co. 215-723-2906.

750/16 8 ply tire new $45, baseboard heat pipes & covers, cherry boards, birch boards, dry. Leb. Co. 717-865-2941.

Poultry gas incinerator & parts $100, 1=14.9x28 tractor tire 1/3 tread $25, 218 NI spreader tandem end gate $1500. Berks Co. 717-933-8869.

Model 902019 Ariens 5 HP rotary tiller, good tines, cables, like new air tires, needs engine work $125. Lanc. Co. 717-653-2753.

Marble- 5 sheets, 1" thick polished marble, need space, will sell cheap Lehigh Co. 215-395-3562

Kemin fresh cut liq. preservative in 50 lb. containers (never opened) half price $30 ea. Wash. Co 301-824-2340

JD 210 disk, new high alloy blades, bearings $2900, JD 7000 finger pickup planter bean units, no-till good cond., 301-928-5162.

14 Angus-cross cows, bred, due late spring, straw. Dau. Co. 717-896-3351.

1 pr. IH corn picker, good cond., $800, JD 30 PTO combine good cond., $500. Union Co. 717-966-0244.

8N tractor w/Shawnee loader 14.8x24 loaded tires rebuilt engine, excel. all around $3750. Bucks Co. 215-257-8491.

Time share Condo for sale Williamsburg, Va. take over payment of $205 month, can trade for other places Oxford Co. 215-932-5209

Loader for Ford N best offer. Monmouth Co. N.J. 609-259-7225.

9 yr., black Percheron 2 mare Belgian 8 6 good broke/big Martin Reiff, 163 Voneida St, Narvon, Pa. 17555. Lanc. Co.

1986 Ford Taurus LX great cond., 67000 miles, silver, best offer. Lanc. Co. 717-426-4547 or 717-453-5990.

1969 Chev Corvette convertible 87,000 original miles, good cond., many new parts 9,000 OBO. Berks Co. Needs Paint 215-286-0490.

Small remodeled three bedroom Cape w/2 car detached garage ¾ acre lot, country setting, Millway $83,000. Lanc. Co. 717-733-6046.

JD 14T baler for parts $100. Smidley hog feeders 5 fair to good $30 ea. Adams Co. 717-624-8124.

Three polled hereford steers weaned and on feed. All three for $1200. Cash and carry. 717-689-2158 evenings.

25 KW Surge alternator 110-220W with power take off, mounted on two wheel trailer, like new. Also 16 HP 3 phase motot. 215-845-2443.

Heavy bone health tested service boars, one Chester white and 2 Duroc boars will deliver. York Co. 717-632-4722.

New Idea two row mounted corn picker, price nego. Cumb. Co. NJ. 609-451-9228 or 451-1751

Elam Stoltzfus liquid manure spreader, rear side discharge with large vertical fan. $900 OBO. Lanc. Co. 215-445-7643 ask for Jr.

Ford 9N tractor, new paint, engine recently rebuilt, 3 pt hyd. lift and PTO, good rubber $1975. Leb. Co. 717-866-4203

Balance of set of International decals, cost new $189. 986, 1086, 1486, 1586 no fair offer refused. James H. Walls, 16 Main St., Leb. NJ 08833.

Snow blower, 48", Cub Cadet, very good cond. $250. Carroll Co. 301-756-2710.

Competition off road 4x4 327 high performance engine, posative traction front & rear, 12-1 compression crane cam, 717-532-4488.

40 gallon electric hot water heater $25. mobile home gas heater $15. Amos Lapp, Box 43, RD2 Millersburg, Pa. 17061.

International Backhoe diesel, brand new condition, $8700. Bandsaw 36" throat with SS table $250. 717-275-4252 or 672-2021.

Steel wheels for skid loader, 27 in. high, 7 in. wide $600. Manure Injectors for liquid spreader $300. Berks Co. 215-944-8380.

1976 48 ft. Strick dry van road ready, high cube $2700. OBO. Salem Co. NJ 609-358-3657.

Locust fence posts, various sizes, quantity & cash discounts till Jan. 19th. Also used rear tractot tires. Emanuel G. Zook, 994 Gap Rd., Kinzers, Pa. 17535.

Two row tobacco planter always kept in dry. very good cond. $300. Lanc. Co. 717-653-1064 call morning.

NH 357 grinder mixer, hyd. drive 20' auger $1900. Gehl forage wagon, 3 beater and roof, working order. $1200. Lanc. Co. 717-354-9584.

Open buggy with hydraulic brakes, good cond. David Zook, Jr., 150 Amsterdam Rd., New Holland, Pa 17557. Lanc. Co.

Winross trucks for sale, Martin's Bike Shop Lanc Co. 717-354-9127.

Hay by the bale or by the ton. 11OR-28 and 12OR14-28 tractor chains wiht large links. Snyder Co 717-374-4246.

Old coal wood stove, brown enamel cover, for cabin, summer kitchen, stripping room, etc. Name your price. Lanc. Co. 717-284-3105.

Purebred polled hereford bull, 1 yr. old, papers avail. Call after 5 p.m. Franklin Co. 717-264-4960.

Single and 3 phase Onan generator 15KW 2 bearing, good cond. Lanc. Co. Eli S King, 1245 Noble Rd., Christiana, Pa. 17509.

Surdiuac stove $300. Perfection butcher furnace $60 Iron kettle with tripod $80. Abram S. Beiler, 140 Fieldcrest Ln., Gordonville, Pa. 17529.

Western saddles for trail riding or show, Plain or fancy $200 & up. Child's stubben rex, very good cond $325. York Co 717-259-7721.

40 bred gilts on Jan. 11 1 PM watch for sale ad in Swine Section. Lanc. Co. John B. Stoltzfus, 60 Hill Road, Kirkwood, PA 17536.

30 acres with house, gas well on property with free gas to house $45,000 Contact Gilbert Young, Deerlodge, Tennessee 615-965-3416.

4 year Arabian gray filly, classy good breeding, sire, grand count, show potential, professionally trained, ex. Arabian conformation 215-682-4009. Berks Co after 5 p.m.

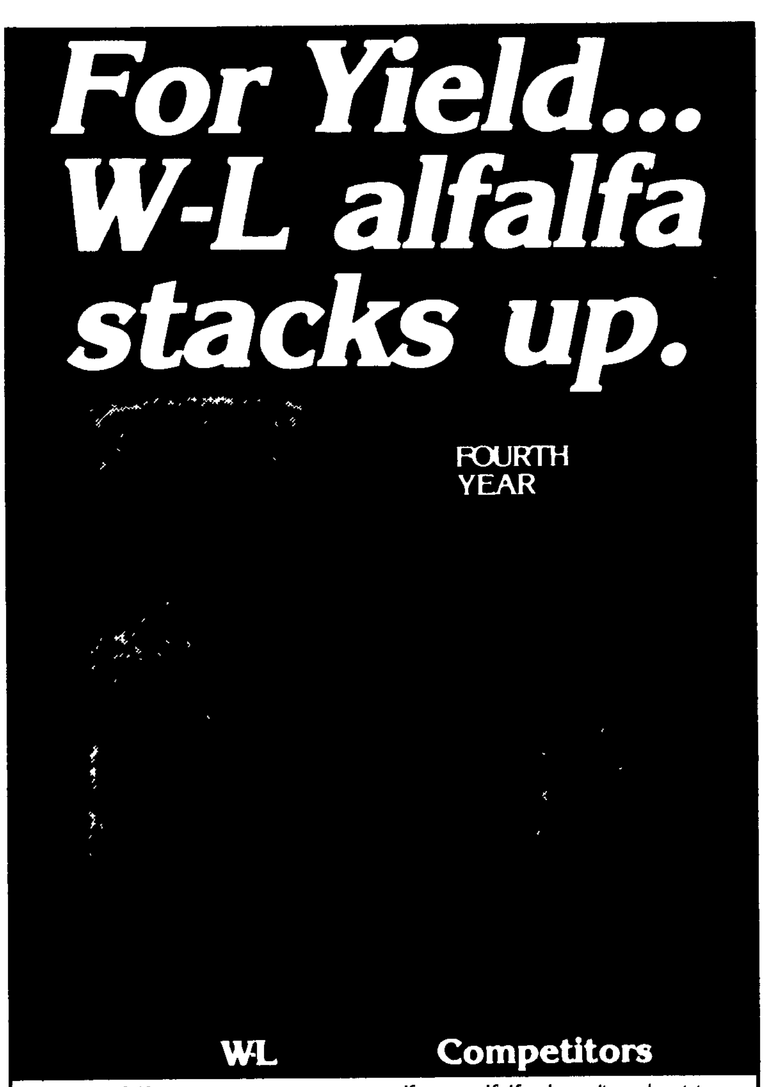
New heavy oak cider and wine press $125. Northumberland Co. Ira Nissley, Rt 3 Box 492, Muncy, Pa 17756.

Table saw 12" Craftsman 1½ HP single phase, 120/240 V Vertical and horizontal arbor movement, not tilt arbor. Good. Berks Co. $300 OBO 215-777-6664.

Wood only boiler 120,000 BTU hot water, ex cond Automatic damper, domestic coil $500. Huntingdon Co 814-447-3571.

John Deere model L tractor, ex. cond. runs perfectly, good tires, Buzz szew, plow cult 518-537-6933.

Electric meat grinder, grinds 8 lbs per min., like new condition, had very little use, priced right Orange Co NY 914-355-3255



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FOR SALE

1985 GMC Sierra 1[illegible] pickup 4x4, l/o hubs 6 2 litre diesel, runs & looks ex, PS, PB, AT, 22 miles per gal $6800. Perry Co. 717-582-7725.

Grain drill for use or parts, 13 single disc openers, on high steel, rope trip, made by Oliver. Berks Co. 215-987-6674

Morgan Percheron cross mare, 6 yr. old, rides and drives single or double, safe and sound traffic safe 717-362-9989 after 4 p m

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78 Chev crew cab, dualie V8, auto, utility body, new tires $2800. Case 310 crawler loader [illegible]00. 609-629-6596

9600 Ford tractor, 76 model, dual power, extra sharp $8500. Lanc. Co. 717-464-2408

1985 F350 Ford 6 9 diesel overhauled less than 10K miles, 12x10 ft. box sale, hole or part out, Cecil Co. 301-287-9352.

Exercise bike, good cond. $25 Cultivator, push type, nice $15. Grindstone with motor, good shape $20 Berks Co. 215-693-5624

420 John Deere tractor, original paint, runs good $1800. Also heavy duty Rockwell shaper table model $325. 215-445-9743

Small Oliver dozer w/extra parts $1500. Clearfield Co. 814-236-2180 after 6 p.m.

Oliver 770 diesel, bad engine, rest of tractor good Lyc. Co. 717-323-1924.

2 Nuffield tractors 10-60 p.s. 4 spd. hi-lo range $3500. Ford CL-40 skid loader, low hrs 2 buckets, $4500 Dauphin Co 717-469-0245

Riteway model 37 wood & coal stove, like new, call 717-426-3135.

5 yr. old standardbred carriage horse trotter 16-1H, traffic safe, sound, anybody can drive. Lanc Co 717-859-2374

Two carts for field sprayers, NH forage harvester, 717 direct cut & 1 row corn heads, IH 203 combine, IH 400 cyclo cornplanter Adams Co 717-359-4975

Metal shear ¼ "x4' capacity older $6000. Electric motors to 50 HP, cheap. Craftsman bench lathe $400. evenings Sch Co 717-622-7455

1988 Yamaha Exciter snowmobile 570 cc, 350 miles, cover, custom paint, many extras $3200 OBO 717-345-8723 after 5 p m Sch Co

Open buggy with fiberglass body, hydraulic brakes, good shape. Benjamin K Fisher, 37 White Rock Rd , Kirkwood, Pa 17536

Hydraulic tilt, cattle hoof trimming table and business phone 814-349-5054

IH 800 or Case IH 900 air corn planter, dry fertilizer and markers Union Co. 717-922-1650.

Somerset Co. adjacent game lands, 48 acres previously golf course, 24'x40' building, acre pond, spring, some wood , breathtaking view 412-884-3270.

Candy case 100+ years old $300 Waterfall suite $225. TI computer, two drives, color tv, printer $450 OBO Leb Co 717-867-2452.

1983 Audi 5000 trubo diesel loaded, ex. cond high miles over $2000, service in last year $2500 Lycoming Co 717-584-4055

Pig heating mat double 24x48 fiberglass asking $50 70 old barn siding 1x12x16'0 asking 30¢ bd ft Herman A Dunker, 4701 Fawn Grove Road, Pylesville, Md 21132

Solid S.T. Chromacolor TV Lanc. Co 717-569-8634.

Peerles rollermill w/3 HP motor, also 235 ft. of clay barn cleaner chain, never used. Bedford Co. 814-276-3640

4 yr. old saddlebred horse 16 hands mare safe & sound ready to go has papers. Lanc Co 717-355-2408 call eves.

Male & female orange-checked zebra finchs, cage included Lanc. Co 215-267-3045

Snowmobile. 1976 JD 440 liquifire, 2000 miles, very good cond , liq cooled, cover, extra skis, runners, $500 Leb. Co 717-274-5146

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JD turbo AR69583 new $350, 12 volt sander $75, air skillsaw $160, Aro sander $75, Ingersoll R & air sander $30. 216-733-7044.

10 yr. Morgan chestnut sorrel gelding 15.2 hands mans horse rides good $950. Jacob Lapp, Leacock Rd., Ronks, Pa. 17572.

Fringe top surrey, 3 seats, excel cond. Clearfield Co. 814-277-5505 call eves.

NI 12A manure spreader good cond., $695, Int. 430 baler w/thrower good cond., $695, elect. snow thrower $30, Fairbanks scales $35 & $95. Lanc. Co 717-653-5926.

Top trotter 6 yr. old standardbred, sound need lots of driving. Omar Stoltzfus, N. Hollander Rd , Gordonville, Pa. 17529.

79 Old's Cutlass diesel 350 w/30,000 miles on motor 103,000 on body call for more infor. 717-653-1625.

4 Reg. polled hereford cows bred for spring, reg quarter horses, Coleman 13' canoe James 215-367-5898

1953 Chrysler 2 dr hardtop Windsor Deluxe Newport 5 new w/w tires 6 cyl engine, power fluid drive, 46,000 orig miles Montg Co 215-933-2469

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AC HD6 w/blade & winch $5000 930 Case w/3 ph rebuitl engine w/turbo, good cond on rubber $5,000 Ben L Stoltzfus, 5395 James Rd , Mechanicsville, MD 20659

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MINI LOP RABBITS with papers, $25. Very loveable pets. NZW Rabbits with papers, $10 Cecil Co., Md , 301-885-2134

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2 HP MOTOR
Large pulley 16" dia.
Small pulley 3" dia.
6"x198" belt

OVERALL SIZE
94" long
48" deep
51" high

TABLE TRAVEL
0" to 28"
up and down
28" to & from

SANDING CAPACITY
24"x60"
max. 52"x??

16" between belt ADJUSTABLE TABLE for easy sanding of assembled cabinets.

VERY easy tracking and tightening adj. 60" long platten for hand sanding of edges. 3" pulley and 16" pulley for conour sanding. 24x72 rolling table for panel sanding.

THESE PIECES OF EQUIPMENT NOT IMPORTED.

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GLUE CLAMP RIG $899.00

2½ " air cylinder to flatten panels.
2" air cylinder to lift glued panel up for easy panel handling.

CAPACITY
48"x72"
Any thickness
(Max. length 84")

FLATTENER rolls along track to flatten full length of panel.

OVERALL SIZE
88" long
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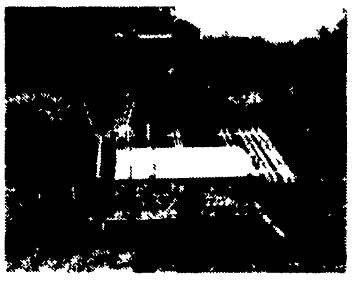
CLAMPING TABLE to speed up gluing operations for production.



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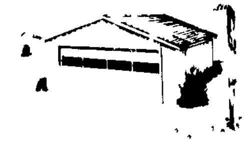
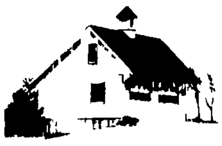
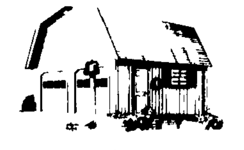


Gable Style



Saltbox Style



Barn Style

	Gable Prices Reg. Price	Sale		Saltbox & Barn Style Prices Reg. Price	Sale
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20'x24'	$5696	$4295	20'x24'	$8995	$6295
24'x24'	$6669	$4895	24'x24'	$10,285	$6996
24'x30'	$7938	$5595	24'x30'	$11,940	$7995
24'x40'	$9991	$6995	24'x40'	$14,343	$9995

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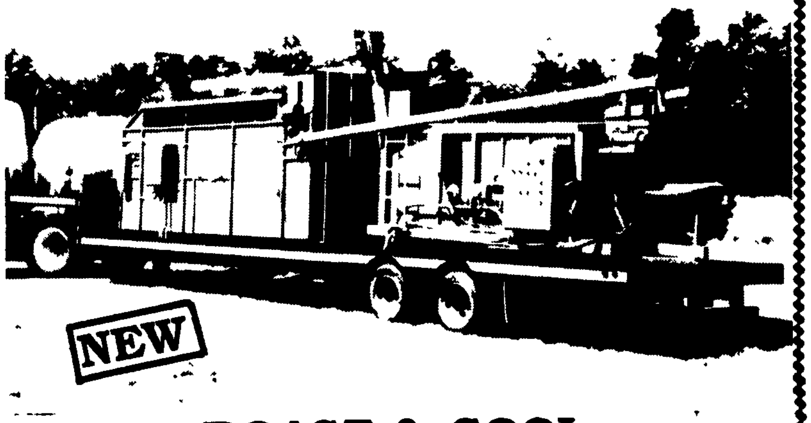

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APPROX. 25 TRACTORS INCLUDING: 1987 Tree Farmer log skidder; JD 4450 MFWD w/cab; JD 4020 D; IH 706 D; White 2-105; White 2-85; Ford 5000; Ford 4000; IH 674; IH 444; IH 444 w/ loader; Farmall 300; AC B; Farmall W4; JD 720 G; JD 630; (2) JD R; MF 1085; MF 165; MF 135; Ferguson 40; 72 Cat D5 dozer w/angle blade; JD 170 skid steer loader and Pettibone road grader.

ALSO: JD 54 spreader; Glenco 15 soil saver; Agro Plus bedding chopper, like new; (2) 1 btm. 3 pt. hitch plows; grinders; hay & tillage equipment; 20' alum. gooseneck livestock trailer; cargo trailer; tire machine; approx. 40 brand new Salamander heaters; 25 new small gas engines; water pumps; large qty. hose; 2 portable Miller welders and much more.

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Expecting 40-50 cars and trucks including: 1979 L9000 Ford, 290 Cummins, wetline; 1973 White 4000 T/A conv., 1 owner, sharp; 1974 Ford F600 w/24' Uhaul body; 1981 Chev. 4x4 P.U.; 1987 Buick Regal, V8, loaded; 1987 Ford Crown Victoria; 1986 Chev. Caprice; 1985 Ford P.U.; 1984 Chev. subn.; 1985 Ford 150 P.U.; 1975 Ford Explorer, 35,000 miles; 1985 Dodge 4x4 P.U.; 1982 Ford short box; 1988 GMC P.U., 8,500 GVW, cap; 1981 Olds (bad engine) and much more.

Please no junk.

Items subject to consignor delivery.

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Sawmill belt feed, 4 head blocks, good condition Saws, Simon 52", like new, (1) 52", (1) 50" 301-293-2973

Outside calf hutches, $80 each David B Stoltzfus, 57 Grist Rd., Nottingham, PA Take Brown Rd at Little Britain, second road right Lanc Co.

Rock Oak, 1" to 1\". Also, Cherry and Poplar. After 5 p.m , 717-776-3239.

12 yr. QH, Bay trail horse. 12 yr. fl Arab, sharp, endurance, competitive trail horse. Have shots, new shoes 717-432-8282.

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All purpose carts w/ removable back & dump front, 15 & 8 cu. ft. in stock. Elam Ebersol, 558 Gibbons Rd., Bird-In-Hand, Pa 17505.

2-15.5x38 8 ply Safemark tires, good casings (a little tread) best offer Kasten self unloading wagon front end, good chain & slats for posts. Model 2-B Ser. no. 65-24, good auger, best offer. Lanc. Co. 665-2928.

Purebred Yorkshire & White Crossbred boars, gilts, bred gilts w/ performance data, local delivery available. Cumber. Co. 717-732-5223.

Old farm toys, pedal tractors, misc. advertising, very large selection, shown by appointment prices negotiable 717-866-4327 eves.

Slate roofs repaired, also general repairs dealer for Fiberdome products, fiberglass feed bins, calf hutches, feed carts, etc. 717-687-8069 after 6.

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Hipolito lantern sales & service peerless storage batteries 4 yr. guarantee very reasonable. Sharpening & Engine Service, Hidden Acres, Old Rt 41, Atglen, Pa 19310.

Nylon horse halters, different colors & sizes. Also cow bands. John K. Stoltzfus, 277 Maple Shade Rd., Christiana, PA 17509.

1965 Ford 6 cyl. ½ ton short bed, drill press, 12 speed bench model, truck rims 900x20 and old tires. Montg Co. 215-933-2469

2 cults in good cond., $125 ea , also a very good wood stove, (wood or coal) $200. Lanc. Co. John G. Esh, 243 Summit Hill Rd , Quarryville, Pa. 17566.

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Job wanted by married man experienced in all types farming, machinery operation. South Central PA preferred. House required. 717-486-3443 eves.

Pony work wagon for Shetland size ponies, will repair. Also wanted small pony work harnesses single & double. Chester Co. 215-970-0292.

Left hand bolt action rifle 25-06 or 270 caliber. York Co. 717-938-6692.

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Outside storage shed to be moved to Myerstown- in good cond. Leb. Co. 717-866-4778.

Narrow front end for Oliver 1850 and exhaust manifold for 354 Perkins dsl. for Oliver 1850. 717-374-9686

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Windows 2'Wx48"L or 2'x2'. 717-867-2977 or 867-1317.

Low profile tin for right side JD corn head. Must be straight. 301-398-4286 or 398-2853.

Tobacco shed to tear down. Lanc. Co. Write to John S. Stoltzfus Jr., 838 White Oak Rd., Christiana, Pa. 17509.

Metal toy dirigibles or blimps, any cond. Also farm toys & toy trucks. Martin Rishel, RD1 Box 82, Spring Mills, PA 16875 814-364-9333 or 238-4957.

6.2 GM diesel engine. Lehigh Co Call 215-767-0436 morn. or eve.

H.S. Gilbert Chambersburg 7 in 1 combination wrench wanted. Name your price. Write- Harry Wehler, 3655 Admire Rd , Dover, PA 17315.

2" stainless steel pipeline Lanc. Co. 215-445-5526.

Steering clutch for Int. T-6 or TD-6 Dozer would buy parts machine. St. Mary's Co. 301-475-8949 after 6

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Wide front end for Oliver 60 For Sale Ottawa 3 HP hit & miss $450, Economy 3 HP hit & miss $460 both run. 717-354-9939.

250-350 HEAD SPECIAL HORSE SALE WORK HORSES MULES DRIVING HORSES

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Tack 9:00 AM. Sale 10:00 AM.

- * 2 Load Work Horses, Mules and Driving Horses Consigned by Ward Wright.
- * 1 Load Work and Driving Horses Consigned by Bud Leonard.
- * 1 Load Work Horses and Mules Consigned by Billy Cochran.
- * 1 Load Work Horses Consigned by Jim Howard.
- * 1 Load Driving Horses Consigned by Elam B. Stoltzfus, Reuben G. Stoltzfus, Clayton Waterbury, Jonas Beiler and Ben K. Stoltzfus.

Plus many more consignments by sale time.

For more information call:
Norman or David Kolb- 61L
717-354-4341- Barn • Home- 717-397-5538

NEXT HORSE SALE FEBRUARY 1 - 10:00 A.M.

PUBLIC AUCTION

FRIDAY, FEBRUARY 8-

9 A.M.

DAIRY COWS, MULES AND FARM MACHINERY

Located 1068 Osceola Rd., Drumore, PA Approx. 15 Mi. South Of Lancaster, Rt. 272, Just 3 Mi. South Of The Buck, Turn W. On Osceola Rd., Approx. ½ Mi. To Sale.

Owner,

ELMER S. ZOOK

Kreider, Kline And
Good, Aucts. AU00513L

KREIDER & KLINE AUCTIONEERS

BLASCHAK COAL CORP.

FRANKLIN DIVISION

Spittler Road
Ravine, PA 17966

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BLASCHAK QUALITY COAL = MORE HEAT, LESS ASH

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MAHANOY CITY, PA.

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CALL (717) 345-8486

Hours: Mon -Fri.: 7 AM - 4:30 PM
Sat.: 7 AM - 12 Noon

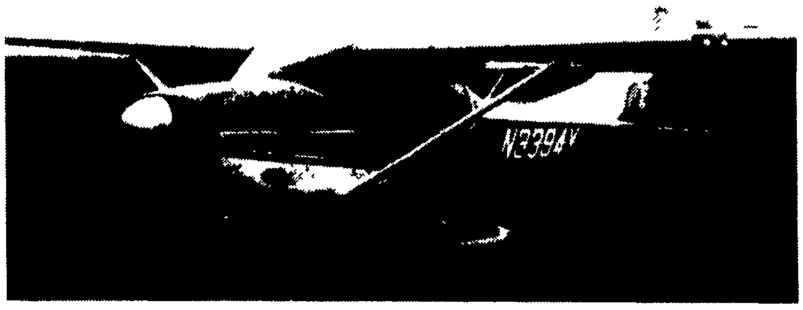
C.B. HOOBER & SON, INC.
Intercourse, PA
(717) 768-8231

HOOBER

TWO LOCATIONS

The Saving Place

HOOBER EQUIPMENT, INC.
Middletown, DE
(302) 378-9555



WE DO WHATEVER IT TAKES TO GET YOU YOUR PARTS...*FAST!!!*

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HOURS
Mon.-Fri. 7 AM-5 PM; Sat.: 7 AM-Noon

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It Could Be We Have It

case IH
Authorized UPS Station

YOU STAY PUT

Pick Up Your Phone And Place Your Parts Order With Us

PUBLIC AUCTION SALE

By Order Of The Secured Creditor
DEVELOPMENT PROPERTY

FRIDAY, JAN. 11, 1991

AT 12:00 NOON
AT W. CLOVER AVE. & N. JACKSON ST.
STRASBURG, PENNSYLVANIA
GREAT DEVELOPMENT OPPORTUNITY IN THE HEART OF HISTORIC STRASBURG!

41 ACRES: Zoned Residential (Formerly A Dairy Farm) w/Large Barn, Hayloft, Loafing Sheds. Also, Machine Sheds.
STONE FARMHOUSE: 150 Yrs. Old, Completely Refurbished w/4 BR, 2½ Baths, LR, FDR, Modern EIK, Den/Study, Great Room w/FPL, Fully Finished Attic & Basement, Elec. Baseboard, Stone 3 Car Heated Garage w/1/2 Bath; Stone Springhouse w/New 85KW Emergency Generator.
FARM MANAGER'S HOUSE: Contemporary Center Hall Colonial, LR, DR, Den w/Fpl, 4 BR, 2 Baths, Full Basement, 2 Car Garage, Elec. Baseboard.
COMMERCIAL BUILDING: (W. Clover Ave. & N. Decatur St. (Rt. 896)) 29,000 Sq. Ft. Brick & Cement Block, Ceilings To 16 Ft.; 3 Loading Docks, 3 Drive-Ins; Solar Heat; 400 Amp 3 Ph. Elec; 1000 Ft. Finished Offices w/Elec. Heat. On Approx. 1¼ Acre Zoned Commercial.
TERMS: **Property Will Be Offered In Entirety And In Parcels - (1) Farmhouse On Approx. 1 Acre; (2) 41 Acres w/Barn & Outbuildings; (3) Farm Manager's House On Approx. 3/4 Acre; (4) Commercial Building. Property Sold As Is. Sale Will Be Subject To Specific Terms And Conditions Which Will Be Announced And Posted At Time Of Sale. Sale Subject To Confirmation By Secured Creditor.**
BROKER PARTICIPATION INVITED.
PAYMENT: 10% Deposit In Cash, Cashier's Check Or Certified Check On Day Of Sale. Balance At Closing Within·45 Days.

INSPECTION: **Sun. Jan. 6, 1 PM To 4 PM; Wed. Jan. 9, 10 AM To 2 PM And Fri. Jan. 11, Morning Of Sale 9:30 AM To Sale Time.**
DIRECTIONS: **Rt. 30 To Rt. 896 South. Approx. 3 Mi. To W. Clover Ave. Right Turn. (Opposite The Historic Strasburg Inn).**

BY BALDWIN INDUSTRIAL LIQUIDATORS, INC.

PO BOX 4146 * GETTYSBURG, PA. 17325
PHONES: 717-334-5707 OR 800-729-0010
PA. LIC. SAMUEL VALENZISI AU-001930L

PUBLIC AUCTION

RESTAURANT EQUIPMENT AND SUPPLIES

MONDAY, JAN. 14, 1991
1:00 PM

125 CONEWAGO CREEK ROAD
STRINESTOWN, PA

LOCATED: Exit 12 Off I-83, Go East on Rt. 295 to Conewago Creek Road and Turn Right, Go Approximately 2/10 Mile. Sale Next To Drive-In Theater. Watch For Signs.

Cash Register, Metal Desk, 3 Drive-Thru Windows, High Chairs, Metal Racking, Floor Safe, 3 Compartment Sink, 1 and 2 Burner Electric Hot Plates, Warmer and Cooler Cabinet, Upright Cabinet, 1 Gas and 1 Electric Rice Cookers, 3 Burner Coffee Warmer, 4 Compartment Steam Table, Large Assortment of Various Size Table Tops and Bases, Single Hole Wok, 3 Hole Wok, Small Pizza Oven, Small Wares Restaurant Supplies including Plates, Saucers, Trays, Napkin Holders, Sugar Shakers, Salt and Pepper Shakers, Mustards; Under Counter Dishwashers, Counter Top Soft Serve Ice Cream Machine, 3 Ft. Gas Grill, 2 Drawer Bun Warmer, 2 Floor Scales, Table Top Scales, Stainless Steel Shelves, Ice Machine, 6 Ft. Ice Cream Freezer, Racking, Slicer w/Stacker, Toaster, 2 Waste Can Containers and Trays, Glass Door Cooler, Chest Freezer, 3 Shopping Carts, Refrigerated Pie Case w/Double Pass, Gondola Shelving - 60 Lineal Ft. of Dual Sides, Lockers, Bench Seating, Extinguisher System Parts, Dough Roller, Air Conditioners, Metal Lathes, 5 Produce Cabinets, Refrigeration Parts, Home Central Air Conditioner Unit, 2 Broasters, 2 and 4 Drawer File Cabinets, 4 Door Upright Freezer, Freezer Door, AB Dick Dry Copier Machine and Supplies and Miscellaneous Restaurant Equipment.

TERMS: CASH OR GOOD CHECK
FULL SETTLEMENT SALE DAY

AUCTION FOR:
J & J Restaurant Equipment
125 Conewago Creek Road
Manchester, PA

AUCTION CONDUCTED BY:
Rentzel Auctioneers
Blaine & Nevin Rentzel
Emigsville, PA
PA Lic. #761 - #2483

MAILBOX MARKET AD FORM

Only ads submitted on this official form will be published in our mailbox markets.
Please NO PHONE CALLS

(Attach Your Mailing Label Here)

Check One:
For Sale____ Notice____ Wanted____

____ 1 ____ 2 ____ 3 ____ 4
____ 5 ____ 6 ____ 7 ____ 8
____ 9 ____ 10 ____ 11 ____ 12
____ 13 ____ 14 ____ 15 ____ 16
____ 17 ____ 18 ____ 19 ____ 20

FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mailbox Market. Subscribers using the Mailbox Market MUST use this form with mailing label attached and will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number or ad will not be published, and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper; no business ads accepted.

Include your Lancaster Farming mailing label and mail to:

Mailbox Market
Lancaster Farming
P.O. Box 609
1 E. Main St.
Ephrata, Pa. 17522
No Phone Calls Please

MAILBOX MARKET WANTED

Used steel prongs for JD #45 manure loader. 717-292-3118.

Chipper shredder PTO kemp mighty mac or similar Newton N J. 201-383-5404 eves. or leave message.

Steel wheels for Farmall H tractor. Kent Co. Andy A. Mast, R#1 Box 201-E, Hartley, Del. 19953

AC pedal tractor, toy tractors, catalogs, advertisements. Anything AC. Write- Herbert Harbold, Box 778, Thomasville, PA 17364 717-259-0055 eves.

Up to 1000 tomato cages. Also oil furnace hot air working cond. Lanc. Co. 717-733-1048.

Would likt to have English walnuts to buy or crack yours for older man to do for pasttime 717-859-2832.

Collecting old farm machinery made in York, PA. H&D, Farquar, Flinchbaugh, Keystone Spangler, others. Write- Robert Rauhauser, R2 Box 766, Thomasville, PA 17364.

Small engines up to 12HP, chain saws & trimmers for parts or in usable cond. Ira Stoltzfus, 326A Spring Garden Rd., Kinzer, PA 17535.

JD KBA tongue frame. Lanc. Co. 215-445-5085.

Alpine milk goat Call 717-299-2272

Parts for Sears model 719.1 hydrant items 4059-F, 4061-F York Co. 717-244-3392

Gravely D model, first ever made, any cond. Jack Clark. 304-425-1435. For Sale Onan engine off Gravely, runs good, needs work on compression release, $350 OBO. 301-398-7680.

Ford 3400 tractor for parts, or Ford tractor of 2000-4000 for parts reasonable. Wayne Co. 717-253-6381 eves please.

2-hole IHC steel frame corn sheller w/bagger & other corn shellers. Call collect, 313-725-2246.

Hired help on farm starting Mar. 1 prefer 3 days a week but will consider 2 or 4. Samuel J. Allgyer, RR 3 Box 584, Mill Hall, Pa 17751.

Potato planter 2-row, also Norwalk 200 juicer motor. For Sale NH 880 harvester, 2-row 30-in., windrow heads, cutterhead needs work. Cumber. Co. 717-258-6247.

IHC #9 mowers in working cond., or for parts. Mifflin Co. Write Jonas D. Peachey, RD 1 Box 321, Belleville, Pa 17004.

AUCTION SALE

SALE BY ORDER OF OWNER
RETIRING FROM BUSINESS AFTER 63 YEARS

TRUCKS, TRACTORS, TRAILERS

FORKLIFTS, OFFICE EQUIPMENT, TOOLS
ICC & PA PUC OPERATING AUTHORITY
WEDNESDAY, JANUARY 16
10 A.M.
ON PREMISES
KULP & GORDON, INC.
POT HOUSE RD.,
PHOENIXVILLE, PA
(EAST OF CHARLESTON RD.)

MACK, WHITE & FORD TRACTORS

(3) 1980 White Freightliner Tandem 10 Speed Tractors Cummins VT-903-12510 Engine w/Air Ride Suspension 38,000 Lb Rear, (1) 1977 Ford Tandem 10 Speed Tractor Cummins 290BC-12510 Engine and Hendrickson Suspension 38,000 Lb. Rear, (2) 1970 White Single Axle 6 Speed Trans. 23,000 rear w/ NHCT 270 Gas Engine, (1) 1962 White Sgle. Axle Automatic Yard Tractor w/C-180 Cummins Engine, (2) 1980 Mack R-6125T 300 Plus Mack Engines 10 Sp Tandem 38,000 Rear Sleeper Cabs and Repowered in 1986, (1) 1984 Mack U-6855T 250 Maxidyne Engine, 5 Sp Tandem 34,000 Rear & Power Steering, (1) 1981 Mack R6125T 300 Plus Mack Engine, RT-1110 Trans , Tandem 38,000 Rear w/Wet System, (1) 1979 Mack R-6865T w/Maxidyne 300 Engine, 5 Sp Tandem 34,000 Rear, (1) 1977 Mack U-685T 237 Maxidyne, 5 Sp Single Axle 23,000 Rear (1) 1976 White RB NTC 250 Cummins, RT-910 Trans Single Axle 23,000 Rear w/ Air Shield, (1) 1981 Mack MS-300 Dump Truck 536 Mack Engine, 10 Sp. Single Axle 23,000 Rear 9' Dump Body

THE FOLLOWING EQUIPMENT HAS BEEN CONSIGNED TO THIS AUCTION BY ORDER OF A SECURED PARTY
TRACTORS, REFRIGERATED & VAN TRUCKS

(2) 1989 White T A Tractor A/C Power steering Diesel, (3) 1988 Volvo T A Tractor A/C Power Steering Diesel, (1) 1989 Ford White LN9000 SA Tractor A/C Power Steering Diesel, (4) 1988 Mitsubishi 18' Diesel Refrigerated Van Truck, (1) Peterbilt 22' Diesel Van Truck, (1) 1986 Iveco 16' Diesel Van Truck, (1) 1986 Iveco 14' Diesel Van Truck, (1) 1988 Mercedes 20' Diesel Van Truck, (1) 1985 GMC 22' Diesel Van Truck.

VANS, FLATBEDS, DUMPS, DROP DECKS

(2) 1970 & 1972 Drop Deck Frye & Talbert Flatbed Trailers 42' w/32' Bed, (2) 1956 & 1965 32' Dump Trailers (14) Flatbed Trailers by Fruehauf, Gindy, Great Dane, Strick, Dorsey, Hill & Brown 1966 to 1974 - 36' to 42' Lengths, (17) Van Trailers by Budd, Brown, Strick, Great Dane, Gindy & Trailmobile 1969 to 1978 - 12'6" to 13'3" Sliding Tandems Comprising of (13) 45' (2) 48' (1) 40' and (1) 27'.

FORKLIFTS, TRUCKS, OFFICE EQUIP., TOOLS

1968 Hyster 250E 25,000 Lbs. Gas Forklift, 1962 Clark CHY 160 16,000 Lb. Gas Forklift, 1974 - 20' Diamond Reo Van, 1973 Chevrolet Station Wagon, 1978 ½ Ton Chevrolet Pick-up Truck, Office Furniture - Desks, Chairs, File Cabinets, Typewriters, Adding Machines, Time Clock, Copier, Power Tools, Hand Tools, Tarpaulins, Chains & Binders, Hand Truck, Battery Charger, Hydraulic Jacks, Headlight Tester, Tire Rack.

ICC AND PA. PUC OPERATING AUTHORITY

Kulp & Gordon, Inc. will Offer at Public Auciton Its Operating Authority Comprising of ICC Certificate No. MC-5649 and Pa. PUC No A-67731

For Complete Description of Same Contact the Auctioneer's Office.

INSPECTION· TUESDAY, JANUARY 15 - 9 A M to 4 P.M
TERMS: CASH OR CERTIFIED CHECK - 25% DEPOSIT REQUIRED.

PA. AUCTIONEERS LICENSE NO. AU000175L

ESTABLISHED IN 1834
COMLY *Auctioneers*
WM. F. COMLY & SON, INC.

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500

Bucket-a-day coal stove, prefer large size Daniel F Stoltzfus, 4452 Forge Rd , Oxford, Pa 19363

Attic Flooring and Log Houses. 717-626-4520

Old Maryland milk bottles by serious collector Cash paid or will trade. Call collect after 6 p.m. 301-721-0473 Crownsville, Maryland.

Miniature jenney donkey must be under 35", any age, to excellent home on farm w/other donkeys. Call collect 301-875-0118.

Winross trucks will buy any size collection, send list and prices. Mike Bakalar 27 Kensington Drive, Camp Hill, Pa. 17011. 717-737-4386.

Propane refrigerators & freezers in good cond., also want 1961 Lincoln Continentals in any cond Ocean Co. N.J. 201-929-4358.

Toys of any kind. Cars, trucks, planes, boats, robots, soldiers, etc., 1960's & older, cash paid. York Co. 717-292-5573.

Long term contract to finish hogs in your barn $10 head possible. Call Eves 7-8 Lanc. Co. Area only 717-354-7338.

MAILBOX MARKET NOTICE

We adopt and/or buy exotic animals: Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl, etc. Berks, 215-374-2114.

Siberian Husky stud service red & white, silver & white, blue eyes Adams Co. 717-334-3984.

Start your own woodworking or lawn furniture business. Rent our shop w/ option to buy, or make a deal Complete w/ woodworking equip 215-593-6112 7-8 AM or PM

Let me know by 1-10-90 what you want listed in my auction on 2-21-22-90 the list goes to printer then Elias S Beiler, 601 Musser School Rd , Leola, Pa 17540. 717-656-9733

1991 Penna countryside almanac-calendars 12 engravings, history, gardening, weather, 11"x20", $6.95 postpaid James Smith, RD 1 Box 54, Blain, Pa 17006

Sale Reports

MAST SALE

A Public Auction of farm equipment was held December 29 by Lloyd K. Mast and Edith A. Mast, south of Elverson, Pa.

Some of the prices received were: J.D. self-prop 5460 forage harvester $22,250, Super A Farmall tractor $1400, Int. 706 D tractor $3900, Int. 1256 tractor $3500, Int. 2350 loader $2600, Int. 566 tractor $5400, N.H. forage wagon $4000, N.H. 273 baler $1200, Int. 710 4-bottom plow $2500, Int. 710 5-bottom plow $2600, Int. grain drill $600, N.H. #258 rake $1250, 55 KW generator $4200, Case skid loader $2600, N.H. 3 pt. mower $550, disc $2400, Hub 30 ft. elevator $600, Van Dale feeder wagon $570, #1830 Butler-Oswalt mixer-feeder $1700 and Dunham 10 ft. cultimulcher $800.

Elton Horning and Rodney Horning were the auctioneers.

Sale Reports

FARM TOY SALE

A Farm Toy Show and Auction, 6th annual event, was held December 29 at the Farm and Home Center off Route 72 in Lancaster, Pa. There were 148 registered bidders attending the sale.

Some prices included: older Hess tanker $145, Landis Bros. Winross truck $100, Case Black Knight tractor $420, A.C. model CA pedal tractor $490, J.D. mounted picker $270, J.D. 494 planter $190, J.D. pull combine $105, Farmall 560 Yoder Farmall Super MTA tractor $115, Expo II Hi-Crop John Deere $75 and Int. #5288 first edition tractor $205.

Dave Nolt managed the sale.

KAUFFMAN SALE

A Public Auction of 5 residential wooded lots was held December 22 by Terry Kauffman near Reinholds on Ridge Road, W. Cocalico Twp., Lancaster Co., Pa.

Lot #1 contained 2.48 acres with 210 feet frontage on Ridge Road and it was sold for $46,900.

Lot #2 contained 2.18 acres with 200 feet frontage on Ridge Road and it was purchased for $36,100.

Lot #3 contained 2.11 acres with 190 feet frontage on Ridge Road and it was sold for $36,100.

Lot #4 contained 2.97 acres with 334 feet frontage on Ridge Road and it was purchased for $38,600.

Lot #5 contained 7.93 acres with 61 feet frontage on Resh Road and it was sold for $57,700.

Paul E. Martin and John D. Stauffer were the auctioneers.

KLING'S COW SALE

A Holiday Cow Sale was held December 21 at Kling's Sale Barn, 15 miles north of Carlisle on Route 74.

The 50 recently fresh cows averaged $1311. Some of the highest prices were $2200, $1700, $1650 and $1600.

Kling's Auctions, Inc. managed the sale.

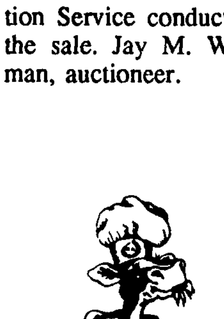
MYER & FAMILY SALE

A Public Auction of farm machinery was held December 29 by the family of J. Richard Myer and the former Egg Basket Farm, Mt. Pleasant Church Road, Manheim, Lancaster County, Pa. There were 300 registered bidders among the estimated crowd of 1000 attending the sale.

Some of the prices included: J.D. 4450 D tractor w/loader $35,500, second J.D. 4450 D tractor $33,725, J.D. 2640 tractor w/ loader $11,100, Deutz 710 D tractor $18,500, Int. 886 tractor $9100, 1984 Chev. S-10 D pick-up truck $5050, N.H. skid loader $6300, two N.H. 800 manure spreaders $5200 & $3900 and N.H. 320 baler $4200.

Also sold were: 2900 gal. Slurry Buggy spreader $6600, Gehl round baler $3350, N.H. 495 haybine $2900, Case Int. cultivator $3100, J.D. 7000 corn planter $7000, Brillion cultipacker $4500, 5 Killbros gravity wagons from $1800 to $1925, two 7 ft. Woods mowers $1900 & $1250, post hole digger $550, Glenco chisel $4050, Verkstad seed wagon $3000, grain elevator $500, Westfield conveyor $350, Gravely garden tractor $430, Cub Cadet riding mower $1150, Motomco moisture tester $650 and iron kettle $70.

J. Omar Landis Auction Service conducted the sale. Jay M. Witman, auctioneer.



Public Auction Register

January

SAT. JAN. 5 - 8.30AM, Antiques, Collectibles, located at Chanceford Community Bldg, Brogue, PA, Rt. 74 SE from York, through Red Lion, approx. 8 mi. to Brogue Post Office, right ¼ mi. to hall on left, Estate of W. Curtis Almony, Bob & Tom Sechrist, Aucts.

SAT. JAN 5 - 9:30AM, Furniture, Antiques, Appliances, Coins, etc., at Bricker's Auction, located 93 Texaco Rd., Mechanicsburg, PA, midway between Mechanicsburg & Rt. 111 off Rt. 114, Chuck Bricker, Auct.

SAT. JAN. 5 - 9:30AM, Farm Equipment, located at Mayer Farm Equipment, 4 mi. N. of Wilmington at the Int. 71 and Hwy. 68 Interchange, Wilmington, OH, Mayer Farm Equipment, Inc., owners, Gehling Auction, Inc., Aucts.

SAT. JAN. 5 - 9:30AM, Antiques, Personal Property, Furniture, Lots & Lots of Dolls & Misc. Items, located at 4315 W. Market St., York, PA, York Bank & Trust Co., owners, Gilbert and Gilbert, Aucts.

SAT. JAN. 5 - 10AM, Fine Gold Jewelry, Diamonds & Gold Jewelry, Pocket Watch's, Sterling Jewelry, Costume Jewelry, etc., held in the Lewisberry Community Fire Hall, 105 Front St, Lewisberry, PA, Estate of Louis Maietta, Little Ike Eichelberger, Auct.

SAT. JAN. 5 - 10AM, Outstanding Estate Auction-Sleighs, Period Furniture, Paintings, Beautiful Glassware, located at Mt. Bethel Fire Hall, Rt. 611, Mt. Bethel, PA, Teel Auctions-Robert C. Teel, Auct.

SUN. JAN. 6 - 10.30AM, Gun Auction, 3 mi. SE of Carrollton, OH on SR 43 to Canyon Road, Larry W. Garner Realty and Aucts.

SAT. JAN. 5 - 11AM, Repossessed & Off Lease Vehicles, located at Keystone Public Auto Exchange, Rt. 22/322, between Dauphin & Clarks Ferry Bridge, Keystone PUblic Auto Exchange, Aucts.

MON. JAN. 7 - 10AM Sharp, Farm Equipment, Tomato Equipment, located at Washington Court House, OH, at the Fayette County Fairgrounds just N. of State Rt. 35 on State Rt. 62, Southern Ohio Tomato Growers, owners, Schrader RE and Auction Co., Aucts.

TUES. JAN. 8 - 10AM, 3100 Locksets, Anderson Windows, Roofing, Particle Board, Plumbing, etc, located 1825 E. Boston Ave., Phila, PA, Wm F Comly & Son Inc, Aucts

---

Public Sale

Valuable Real Estate

Sat., February 2, 1991

1:00 P.M.

Located Along Rt. 322, East End Of Blue Ball, East Earl Twp., Lancaster Co., Pa.

2½ Story Brick Frame Dwelling Kitchen With Built-In Cabinets, Stove, Built-In Oven And Inlaid Linoleum. Large Living Room With Hardwood Floor, Bay Window And Open Stairway. Large Dining Room With Wall To Wall Carpet. Family Room With Wall To Wall Carpet, Closet And Surdiac Coal Heater, Half Bath. **Second Floor:** Four Bedrooms With Closets, Two With Wall To Wall Carpet. Full Bath With Linen Closet, Attic With Hardwood Floor And Widow's Watch On Roof. Full Basement With Laundry Hookup.

Large Porch, Concrete Patio, Town-Water And Sewer. Practically New Water Softener, Oil Hot Water Baseboard Heat With Summer-Winter Hookup.

2½ Story Frame One Car Garage With Workshop Area And Frame Horse Stable Attached 14'x14' Dog Kennel, 3'x11' Gold Fish Pool, Shade And Fruit Trees, Shrubbery, Lawn And Garden, Blacktop Driveway.

Note: This Property Is Well Built And Kept, With A Scenic Country View. Only Minutes From New Holland, Ephrata, Honey Brook.

Open House: Saturdays, January 12, 19, 26 From 1-4 P.M.

Terms: 10% Down Day Of Sale, Balance March 15, 1991.

Sale For

Glenn M. And
Elsie O. Martin
717-354-9917

Atty.
R. Douglas Good
Aucts.
Nevin Z. Martin AU1078L
Andrew M. Martin AU1771L
Not Responsible For Accidents

PUBLIC AUCTION SUNDAY, JANUARY 13, 1991

12 Noon

COLLECTABLE TOYS

Springfield Center N.Y. (10 miles north of Cooperstown on Rt. 80) Fire House Banquet Hall at the corner of Rt. 20 and Rt. 80.

Collectible toy consignment auction. Highlights of early consignments are: D14 peddle tractor, 2-135 White Comm. plate tractor, 2-155 White Comm. plate tractor, NH combine, Steiger panther tractor, 2 JD 4020 tractors 1 wd frontline front (by Whitney), AC landhandler, JD 3020 wd. front with ROPS, 2-AC xt 190 with bar grills, Oliver 550 by youdy, custom made MM A4T-1600, Big Bud 4WD with serial number, MH 44 IH baler 1/16, JD baler 1/16, Truescale rake 1/16, IH tractor 1/32, IH wagon 1/32, IH dump truck, 450E JD dozer, equipment trailer, 2805 MF, IH spreader, JD 3020 w/3 pt., JD 4 btm. 3 pt. plow w/box, JD grain drill w/box, JD KBA disc w/box, JD 620 w/3 pt. & loader, JD 630 w/fenders & 3 pt., JD 430 utility w/3 pt. w/ box, JD R spreader, JD grain wagon w/gear, JD hay & grain elevator w/box, JD 40 Industrial yellow crawler w/blade, early 50's Ford tractor & trailer truck, 1920's Buddy L express truck, stationery toy steam engine, road grader, 1955 Hubley cab & chassis WD 9 IH tractor in box, AC round baler in box, IH tractor not in box, Fordson Super major tractor not in box, JD tractor w/farm wagon, IH 450 tractor, IH spreader, Tonka 4x4 pickup, Case flail wagon, MF 3070 4WD not in box, Tonka dump truck, JD skid steer, Tonka dump truck, fire engine, Mobil Oil tank truck, Transtar dump truck, Nylint bulldozer, Farmall H tractor, Tonka backhoe, IH 986 tractor w/cab, JD open post recut A, JDR tractor not in box, JD D tractor, JD forage box, old cash register, Farm Champion tractor, Case 500 tractor not in box, AC D21 tractor not in box, JD tractor & spreader, Hubley pickup truck, Hubley Farmall M, Hubley TD 24 dozer, Savings bank car van, Old Jeep pickup truck, old dump truck 1930's, old flatbed truck 1930's, Buddy L dump truck, JD 4 WD w/cab tractor, old flatbed truck 1940's, old tin race car 1950's, old mechanical bank "man with mule", old cast iron horse & wagon, old structo tow truck 1950's, old steam roller "rider" 1940's, old tin hobby horse made in England, Snoopy walking dog - wood, musical rocking horse, black horse paper weight.

Auctioneer's Note: 300 plus units. Consignments coming in daily.

TERMS: Cash or approved checks w/ proper I.D. day of auction. 10% BUYER'S PREMIUM IN EFFECT.

Sales Coordinator: David Nolt, Paradise, Pa.

Sales Manager: Jack Hussey,
Cooperstown, N.Y. (315) 858-0360

Auction by:
FRANK WALKER, INC.
Auctioneers, Franklin, NY
(607) 829-5172
Central Bridge, NY (518) 868-2006

Public Auction

Farm Equipment
George Leone Farms
(609-467-8516)

Tuesday, Jan. 22, 1991

9:30 A.M.

Porch Mill Rd. Swedesboro, N.J.
(Between Swedesboro & Auburn)

TRACTORS: 1984 Int. 584 (800 Hrs.-Like New), 1983 Int. 3788 w/Duals, 1971 Massey Ferguson (New Tires), 1968 Oliver 1650 (Eng. Overhauled, Ex. Cond.), 1962 Int. 140 Recently Overhauled, New Steering Gear), 1961 Int. 460 (100 Hrs. On Overhauled Eng), 1961 Int. Gas Tricycle w/Dual Fert. Dist., 1956 Oliver Super 77 w/2 Row Cultivators, 1952 Super AV Farmall, 1950 Super AV, 1947 Farmall A, 1945 Farmall AV.

TRUCKS: 1988 G.M.C. Brigadier 210 Cat Eng.-22' Refrigerated Body (35,000 Miles-Like New), 1982 G.M.C. 7000 w/20' Flatbed, 1982 Chev. 1-Ton Flatbed w/Dual Wheels, 1977 G.M.C. 7000 w/20' Flatbed, 1977 Int. 1700- 18' Flatbed w/Veg. Racks & Canvass, 1972 G.M.C. 6500 w/20' Flatbed, Veg. Racks & Canvass (Recently Overhauled), 1976 Jeep CJ-7 w/Canvass Top, 1974 Int. 14' Flatbed. 1967 Dodge Water Truck.

IRRIGATION EQUIPMENT: 1988 JD w/Hale 6" Pump, 1983 Perkins V-8 w/Hale 6" Pump, 1979 J.D. w/Berkley 6" Pump, 2 Chrysler V-8 w/6" Marlow Pump, Chrysler 6 Cyl. w/ Mathason 6" Pump, Ford 6 Cyl. w/Marlow 6" Pump, 2 Hobbs 3"x100' Reels, 1- Boss Winch 900' Hose w/Hose Crossover Cart, 3-1 Acre Water Guns, 6" Anderson & Miller Valves, 2000 Ft. 6" Alum. Pipe (Anderson & Miller), 5,000 Ft. 4" Pipe- Anderson & Miller, Mostly w/Rainbird 70 Sprinklers, 1-8" Suct Pipe, 4-6" Suction Pipe, 2 Pipe Wagons.

PACKING HOUSE & COLD STORAGE EQUIP: 2-2 Ton Compressors w/Condensors & Evaporators, 36" Ag-Pak Brusher, Grader w/12' Roller Sorting Belt, 48"x21' Belt And Associated Belts, 2 Sizers, 24"x20' Belts, 16" Friend Brusher- Dryer Grader w/2 Sizers, 16' Belt & Packing Tables, (Everything Like New), 5 Scales, 2- Air Staple Guns, 1- Floor Air Stapler, Pallet Jack, Roller Conveyors, 100 Pallets, 4 Hand Trucks, Fans.

WAGONS: 2-4 Wheel Wagons, 3 Tandem Axle Wagons, 3-2 Wheel Wagons.

FIELD EQUIPMENT: Int. On-Land Automatic Hitch 18"-7 Bottom Plow, Oliver Semi-Mounted 4-16" Plow, 20' Krause Disc Harrow, (Ex. Cond.), 20' Glencoe Field Cultivator, 10' Glencoe Field Cultivator w/Leveler, 7 Shank Int. Vec-Ripper, 10' Oliver Disc Harrow, 8' Oliver Disc Harrow, 10' J.D. Tool Bar w/Cultivator, Allis-Chalmers 10' Tool Bar Cultivator Rotary, White 12' Tool Bar w/4 Row Cultivator, J.D. 2 Row Tool Bar w/Fert. Side Dresser- Hydrostatic, Ferguson Plastic Mulch Digger, 1-Row Oliver Potato Digger, Chisolm-Ryder Bean Harvester On 340 Int. Gas Chassis.

PLANTERS: 6 Row Int. 295 Planters On Tool Bar w/Gauge Wheels & Scribes, 7-Row J.D. 71 Planters On Tool Bar w/Gauge Wheels & Scribes, 4-Row Planet Jr. Planter On Tool Bar, 2-Row Mechanical Transplanter On Tool Bar w/2-100 Gal. Water Tanks And Scribes, 2-Mechanical Pot Planters w/Plug Mix Attachment, 1-Holland Pot Planter, Clark Boom Sprayer, Century Boom Sprayer, 3 Pth. 200 Gal. Boom Sprayer, 42'x6" PTO New Ideal Auger, 25' Harvey Hay Elevator, 2-Gandy Granular Dist., 3-2"- 1 Cyl. Water Pumps.

GREENHOUSES: 3-18x100' Greenhouses w/ Dual Fans And Gas Heaters, Lots Of Plastic Trays, Lots Of Hot Bed Sash.

MISCELLANEOUS: Lincoln Welder, New Air Compressor, 20' Truck Body, 2-3000 Gal. Fuel Tanks w/Pumps, 1-550 Gal. Fuel Tank w/ Pump, 1-300 Gal. Fuel Tank On Wheels.

LABOR HOUSE EQUIPMENT: Lg. Commercial Stainless Steel Gas Stove (10 Burner, 2 Oven), Beds, Mattresses, Other Misc.

AUCTIONEERS NOTE: Everything Well Taken Care Of And Maintained, All Equipment Garage Kept. Owner Or Seller Not Responsible For Loss Or Injury. Bank Letter Of Credit With Out Of State Checks.

DIRECTIONS: From Del. Mem. Bridge, Take Rt. 40 East To Blinker Light, Turn Left 3½ Miles Through Auburn, 1st Right After Store. (Watch For Sign). From Commodore Barry Bridge, 322 East To I-295 South To Exit 10, Left To Stop Sign, Turn Right Go 2.2 Miles To Sale. From N.J. T.P. Exit 2, 322 West To Light, Turn Left Through Swedesboro, Rt. 551 To Sale. Air Strip On Farm For Anyone Wishing To Fly In To Inspect Or Attend Day Of Sale. Don't Miss This Sale.

Terms: Cash Or Approved Check

Ralph D. Hughes-
Auctioneer & Appraiser
609-589-6454
Lunch Available

AUCTION SALE

TRUSTEE SALE IN BANKRUPTCY CASE NO. 90-148205
STEPHEN RASLAVICH, ESQ. TRUSTEE

PARTY RENTAL EQUIPMENT

FORKLIFT, COMMERCIAL WASHERS, DRYERS

THURSDAY, JANUARY 17 - 10 A.M.

METRO PARTY RENTALS, INC.
1210 STANBRIDGE ST., NORRISTOWN, PA.

CHAIRS, TABLES, LINEN, DANCE FLOORS

Padded Folding Chairs, Ballroom Chairs, Stacking Chairs, White Wood Chairs, Banquet Tables, 4 Ft. to 8 Ft. Card Tables, Children's Tables, Cocktail Tables, Conference Tables, Round & Half Round Tables 3 Ft to 6 Ft. Diameter, Umbrella Tables, Display Table Accessories, Portable Bars, Bar Stools, Ice Buckets, Table Linens of Various Prints & Designs, Skirting, Dance Floors, Platform and Ballroom Accessories

CHINA, FLATWARE, CHAFING DISHES

Assortment of China - Diplomat, Castle White, Renate Eclipse and Glass Patterns, Glassware - Stemware, Non-Stemmed, Lead Crystal, Barware and Accessories, Oneida Flatware, Alissa Gold Plated Flatware, Serving Silver, Chafing Dishes, Silver Service, Coffee Urns, Punch Sets

FOOD PREP EQUIPMENT, PARTY SUPPLIES

Garden Party Supplies, Conference & Meeting Equipment, Wedding & Shower Accessories, Costumes, Food Preparation Equipment - Grills, Ranges, Ovens, Warmers, Fryers, Refrigeration, Beer Meisters, Coolers, Popcorn & Candy Machines, Rollaway Beds, Baby Equipment.

COMMERCIAL WASHERS & DRYERS, DISHWASHER

3 Uni-Wash Computerized Commercial Washers, 4 Huebsch Originator Drystar, 75 Commercial Dryers, 2 Culligan Hi-Flo Water Conditioners, 2 State 300 Gal. Gas Water Heaters, Silverware Cleaner, Hobart Dishwasher.

FORKLIFT, PHONES, COMPUTERS, DESKS

Toyota 3,000 Lb. Propane Forklift, Presto 1,500 lb Hydraulic Lift Truck, Binks Paint Spray Booth, Craftsman 8" Saw, Elec-Trek E 15 Riding Lawn Mower, Time Clock, Scales, Hand Trucks, Air Compressor, Pallet Jacks, Vector 3,000 Alarm System, Premier Keyset 12/24 Phone System, IBM PS 2 Computer, IBM System 5362 Computer, Fax Machine, Copier, Typewriter, Shredder, Postage Machine, File Cabinets, Desks, Chairs, Calculators

INSPECTION: WEDNESDAY, JANUARY 16 - 10 A.M. to 3 P.M.
TERMS: CASH OR CERTIFIED FUNDS - 25% DEPOSIT REQ.

PA. AUCTIONEERS LICENSE NO. AU000175L

ESTABLISHED IN 1834
COMLY *Auctioneers*
WM. F. COMLY & SON, INC.

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500

PUBLIC AUCTION

SATURDAY, JANUARY 19, 1991
9:00 A.M.
470 EAST KING STREET, YORK, PA.

5 Drawer Lateral Files, 4 & 5 Drawer File Cabinets, Card Files, Metal Cabinets, Desk Files, Office Partitions, Desks, Wing Desks, Office & Home Telephones, Office Chairs, Office Refrigerator, Desk Lamps, Savin 7035 Copier, Typewriters, Calculators, Cash Register.

1200 Lb. Electric Lift w/Charger, 4000 Lb. Caterpillar Tow Motor - Electric, 6000 Lb. Yale Propane Lift, Walk Behind Electric Lift, 4000 Lb. Platform Scales, 5 Hp. Air Compressors, Bander, Staplers, Rivetors, Torpedo Heaters, Copper Stripper ¼ " to 3", Wire Material Handling Baskets, Floor Fans, Single & 3 Phase Welders, Steel Racks & Shelving, Bolts, Nuts, Washers, Allen Wrenches, Drill Bits, Chain Grabble Hooks, Steam Jenny, Mud Sucker Pump, Electric Pipe Threader, Double Door Safe, Trash Compactor, Tandy 1000 Keyboard & Drive Computer, Other Computers, Sears 10 Hp. Riding Mower, Cut Off Grinder, Drill Presses, 90 Lb. Worthington Air Jack Hammer, & Tools.

Dark Pine Bedroom Suite, Single Brass Bed, Dressers, Chest Of Drawers, Antique Wood Bed, Refrigerator, Electric Stove, TV's, Table Lamps, Chifferobe, Snoko Machine, Dining Room Suite, Table & Chairs, Table Tops, & 1000's Of Misc. Items Not Mentioned!

VEHICLES

1984 Ford Van, 1971 Chev 18' Flat Bed, 1974 GMC Single Axle Tractor w/Hydraulic & 5th Wheel, 16' Fiberglass Boat & Trailer - V Bottom, 1979 Honda Windjammer - Fully Dressed.

NOTE: CC&J Liquidators Are Clearing The Warehouse To Make Room For Other Merchandise - There Is Something Here for Everyone.

TERMS: CASH OR GOOD CHECK

CC&J LIQUIDATORS
470 East King Street
York, PA

Auction Conducted By:
Rentzel Auctioneers
Blaine & Nevin Rentzel
Emigsville, Pa.
PA Lic. #761 & #2483

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

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auction

RICHARD P. ALLEN, Auctioneer 609-267-8382

Friday, January 11, 1991
9:30 A.M.

CASH, CERTIFIED CHECK OR BANK LETTER OF CREDIT. 10% DOWN; BALANCE ON PICKUP FOR ITEMS OF $10,000 OR MORE. ABSENTEE BIDS ACCEPTED, 10% DEPOSIT REQUIRED.

NEW MASSEY & KUBOTA TRACTORS 18+

TRUCKS & TRAILERS 10

1988 Chev 1 ton Dump M30 like new, 6890 miles; 1983 Ford 350 Diesel Auto. Trans. Hyd Wench Flatbed, 44,842 miles; 1973 Chev Tri Axle Dump, 10 ton, cu. in., Gas, 5 speed trans.

USED KUBOTA TRACTORS 12+

(5) Kubota F2400, 4WD Tractors with 72" Front Mounted Mowers, low hour rental units with warranty; Kubota B8200E, Hydro-turf tires S/N 10223 7.5 Foot dig with Kubota BF300AL Loader & Kubota 4530A Backhoe, 16" bucket, 718 hrs.; Kubota KH170L, S/N 10788, Excavator with cab & beater, wide track, 12' Dig, 7' Dozer Blade counterweight package, 12" & 24" bucket, excellent, 460 hrs.

TRACTOR LOADERS BACKHOES

1980 Cat Model 426, 4WD Extendahoe, cab heater/AC Like New; Ford 750 Diesel, 17' Digging depth, 1½ yard Loader, 18" 24" 30" Backhoe buckets.

CONSTRUCTION LIFTS 12+

NEW: Prime Mover LL-40 4000# capacity 58 HP diesel 21½ mast, 48" forks instant reverse articulated.
USED: Marlo M-6000 21" mast side shift 6000# capacity, diesel, 48" forks forward/reverse shuttle.

CONSTRUCTION EQUIPMENT

Cable Winch, 30,000 lb. capacity; Asphalt Roller Western Model R2000, S/N 5624; International TD6 Track Loader, 4 in 1 bucket for parts; Homelite 1500 watt Generator; Homelite 3" sump pump, 3 phase; (3) Submersible Dewatering pumps; Concrete Hopper Attachment for construction forklift; A/C HD6 Track Loader.

MF IMPLEMENTS - NEW

MF 141, 3 Bottom Plow, 14" shares; MF 33, Grain Drill, agitator, right & left markers, foot boards; MF 151, Conservation Tillager, 12'6" swath, cultivators, cutter reels & rolling baskets.

INDUSTRIAL LIFTS 12+

Towmotor B-15, 15,000#, rebuilt pneumatic tires; Komatsu FG-20 4000#, 83/130 mast, L/P, auto trans, power steering, sideshift; Komatsu FG-25-8 5000#, 83/130 mast, gas, pneumatic tires, std trans.; Komatsu FG-25 5000#, standard trans., L/P, 85/240 quad mast.

USED TRACTORS 24+

MATERIAL HANDLING SYSTEMS

HYWAY TRACTOR

1320 Route 38
Hainesport, New Jersey 08036
609-267-6100

FROM PHILA.: Take Rt. 38 East - 4 Miles past Rt. 295 on right side.
FROM RT. 295: Take Rt. 38 Exit East on Rt. 38 - 4 miles on right side.
FROM NJ TURNPIKE: Take Exit 5 - Mt. Holly Exit, turn right on Rt. 541 to Rt. 38 West - Material Handling Systems 1 Mile on opposite side of the highway. Make U-Turn at Jug Handle just past Hainesport Supply (Hainesport Lumberton Road) Dunleavy's at Light, 2 blocks on right.

THURS. JAN 10 - 10AM Excellent Country Property, Personal Property, Antiques, Coins, located at 341 Elm Rd , Lititz, PA, James S Barnhart, owner, J Omar Landis Auction Service, Aucts

THURS JAN. 10 - 4PM, RE, Brick Single Dwelling, located along Linden Grove Rd , Earl Twp., Lanc. Co., PA, Junior M. Garner and Evelyn M Garner, owners, T. Glenn Horst and Sons, Aucts

FRI. JAN. 11 - 9 30AM, Farm Equipment, located 1320 Rt 38, Hainesport NJ, Material Handling Systems, owners, Richard P Allen, Auct

FRI. JAN 11 - 12Noon, 41 Acre Farm-Zoned Residential, Refurbished 150 yr. old stone farmhouse, located Historic Strasburg, PA, Baldwin Industrial Liquidators, Inc., Aucts

SAT JAN. 12 - 9AM, 30 Acre Farm, Farm Machinery, Antiques & HH Goods, located at 441 Weaver Rd , Strasburg, PA, Ron Funk and Gordon Ressler, Aucts

SAT JAN 12 - 9AM, Horses, Steers, Machinery, Some Furniture, located in Snyder Co , 7 mi S of Selinsgrove, PA, turn W. off Rts 11-15, at Port Trevorton, PA, at B P Gas Station, onto Peffer Valley Rd , 1 mi to farm, Rufus M and Michael Weaver, owners, Mark Glick, Auct.

SAT. JAN 12 - 9AM, 30 Acre Farm, Farm Machinery, Antiques & HH Goods, located at 441 Weaver Rd , Strasburg, PA, Daniel L Martin, owner, Ron Funk and Gordon Ressler, Aucts.

SAT JAN 12 - 9AM, Valuable Antiques, Milk Bottles, Decoys & HH Goods, located at the Brickerville Fire Hall just off Rt. 322 W. of Ephrata in the village of Brickerville, PA, Florence Smith, Mr and Mrs. Donald Griffith and two small estates, etal, owners, E M Murry Associates, Aucts

SAT. JAN 12 - 9.30AM, HH Goods, Antiques 1800 to early 1900's, Farm Machinery, 2 Tractors, Backhoe, 1986 Dodge Pickup, held on farm in Chester Co., PA, 2 mi E. of Cochranville on Faggs Manor Rd , from Rt 41 go S on Faggs Manor Rd , from Rt 926 to W at church, from US 30 go S on Rt 10 or Rt 41, from US 1 go N on Rt 41 to Faggs Manor Rd , John Way, owner, Steve & Steve, Jr., Petersheim, Aucts

SAT JAN 12 - 10AM, Tractors, Machinery, Cars, Trucks, Trailers, located Groveland, NY, Teitsworth Sale Lot, Roy Teitsworth, Inc , Aucts

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PUBLIC SALE

Household Goods - Antiques 1800 to early 1900's
Farm Machinery - 2 Tractors - Backhoe -
1986 Dodge Pickup

Saturday, January 12, 1991 - 9:30 A.M.

Auction Held on Farm in Chester County, PA, 2 miles East of Cochranville on Faggs Manor Road. From Rt. 41 go South on Faggs Manor Road. From Rt. 926 go West at church. From U.S. 30 go South on Rt. 10 or Rt. 41. From U.S. 1 go North on Rt. 41 to Faggs Manor Road.

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Auctioneer's Note: This is an exceptionally clean sale. Farm Machinery shed kept. Household goods and antiques in mint condition.

Household Goods - Antiques

Mother Pearl Rose wood inlaid marble top Chinese altar table, suggested 1700's, drop leaf inlaid tea table; Victorian couch; mahogany secretary desk with glass from doors, spiral carvings; 2 miniature pine wood china cabinets, 1800's; 3 leaf walnut extension table made by Henredon; walnut buffet, drop leaf tea cart; game table, Phillipine mahogany; mahogany oval light stand with drawer; cushion love seat; 3 section nesting table; brass claw feet side table; child plank bottom rocker and straight chair; oak side cabinet; wooden folding smoking stand with copper 18" diamond top; 2 wicker leather bottom fireside chairs; 2 rush chairs; cherry wood kitchen table; 2 matching Victorian chairs, needle work seats; single plank bottom chairs; table lights; wall hanging pictures, 1 dated and initialed J.S. Monks 1884; silver plated coffee kettle with burner and large tray, silver plated James Dickson roast pan with cover; 5 piece silver plate tea set; Sterling silver pan; lot of silver flatware; bronze dessert set flatware in box; 12 plate setting Limoges china, complete; 2 copper kettles, pot size with handles; heavy glass punch bowl; 2 china chicken-on-nest; brass candle sticks; old dishes; green - blue - press - cut glass; 2 wooden shaving cases with drawers and mirror, 1800's; Pettis stool sewing cabinet; wheelbarrow seeder.
Sale held under tent — Bring chairs

Updated Household Goods - 3 Air Conditioners

Frigidaire H.D. washer; Magic Chef gas clothes dryer; Frigidaire refrigerator; Eureka vacuum cleaner; electric mixer; 20 cup coffee urn; complete line of kitchen items; cookware; utensils; linens; bed covers; bedroom - living room rugs; Amana 1 ton 220 air conditioner; 2 Frigidaire air conditioners, 110; 2 cushion chairs; more small items not listed; 7 piece wrought iron porch set.

Garden Tools - Mowers - Sheep & Cattle Supplies

Am Pro Pro-Til 5 hp rear tine rototiller; John Deere 110 riding mower, 36" deck; 2 power lawn mowers; mineral feeder; cattle gates; sheep grain feeders; sheep hay mangers; gates; fence posts, wire, etc.
1986 Dodge 50 Ram pickup truck, 41,000 original miles, 5 speed stick shift, bought new by Mr. Way, in nice condition.

Farm Machinery

Oliver model 1800 tractor, 72 hp, gas, 18.4-34 tires, wide front, dual hydraulic, 3 pt.; backhoe/front end loader: tractor - Ford model 800, gas, new rubber — Loader- Ford 36" bucket and manure fork — backhoe- Massey Ferguson guards detach; New Idea 5 wheel rake; New Idea 7' cutditioner with hydraulic lift cylinder; Oliver Model 720 baler with thrower, Roto-Flo feed, nice condition; 18' bale wagon, New Holland running gear; 7'x10' metal bed trailer with winch; 7' Pequea tedder. P.T.O.; New Idea Model 19 manure spreader, P.T.O. drive, double beater; Shaver 3 pt. hydraulic post driver; Landoll Model 205 3 pt. 5' chisel plow, Case 8' transport disc with levelers; Woods 6' rotary mower, pull type with hydraulic lift; 3 pt. cyclone type seeder, P.T.O. drive; 3 pt. 8' grading blade, three way adjustment; fruit tree sprayer on trailer, Briggs & Stratton 3HP motor; 25 gallon capacity, like new; 3 pt. hydraulic log splitter; Coleman 120/240 Volt generator, 4000 watt capacity, 5 HP Briggs & Stratton engine, portable unit.

Owner:
John Way

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
Lic. #AU-001349-L

Petersheim Auctioneers

Please Note Sale Order: Farm related items 9.30 a m. SHARP off wagon followed by farm machinery. Not many small items. Come early for Equipment and Tractors, followed by Household Goods.

Food On Premises

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. JAN. 12 - 10AM, Trophy and Gun Collection, at Springetts Fire Co. Social Hall, 3013 E Market St, York, PA, Gilbert and Gilbert, Aucts.

SAT. JAN 12 - 10.30AM, Gun Auction, located Big Top Auction Center, Lock Haven, PA, By Reil Auction, Aucts

SAT JAN. 12 - 12 30PM, RE 1PM, Farm Real Estate and Small & Misc Items, located from the South, Rt 422 E of Myerstown, go N on Wintersville Rd to School Rd, turn E on School Rd 1/8 mi farm on left, Robert W. and Robin L Reber (H/W) and Ellen E Reber, owners, Rich Brandt Auction Management, Aucts.

MON. JAN. 14 - 1PM, Restaurant Equipment and Supplies, located 125 Conewago Creek Rd, Strinestown, PA, J & J Restaurant Equipment, owners, Blaine and Nevin Rentzel, Aucts

WED, JAN. 16 - 10AM, Trucks, Tractors, Trailers, Forklifts, Office Equipment, Tools, ICC & PA Puc Operating Authority, on premises Ku;p & Gordon, Inc., Pot House Rd, Phoenixville, PA, Wm F Comly and Son, Aucts

THURS JAN 17 and FRI. JAN 18, Large Two Day Sale of Farm Equip, Etc, at Horst's Machinery Lot, 1 mi E of Marion, PA, Ralph W. Horst, Mgr

THURS. JAN 17 - 11AM Sharp', Complete Dairy Herd Dispersal, at Kling's Sale Barn, Landisburg, Perry Co, PA, Robert J & Jean L Rodichok, owners, Kling's Auctions, Inc, Sale Mgrs

THURS JAN 17 - 2PM, RE, 2½ Story Dwelling, located at 147 & 149 Grant St, Ephrata, PA, Farmer's First Bank, Trustee of Warren I Seibel Trust, T Glenn Horst and Sons, Aucts

FRI JAN 18 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SAT JAN 19 - 9AM, Philadelphia Electric Co, located Peach Bottom Atomic Power Station, Delta, PA, Vilsmeier Auction Co, Inc, Aucts

SAT JAN 19 - 9AM, Office Furniture, Vehicles, etc, located 470 E King St, York, PA, CC & J Liquidators, owners, Blaine and Nevin Rentzel, Aucts

SAT JAN 19 - 9 30AM, Antiques, Quality Furnishings, etc., located Red Men Pavallion, Rt 472, ¼ mi S Oxford, PA, Whiteside Auction Service, Aucts

SAT JAN 19 - 9 30AM, Construction Equipment Inventory Liquidation, located ¼ mi W of the village of Strasstown, along the road to Rehersburg, Berks Co, PA, David H Kegerreis, owners, Ralph W Zettlemoyer Auction Co, Inc, Aucts

SAT JAN 19 - 1PM, Mobile Home on 3 98 Acres, located in Juniata Co, 16 mi S of Mifflintown off Rt 35, 1 mi S of Reeds Gap along Rt 850, Charles E Robinson Estate, Long's Auction Service, Aucts

MON JAN 21 - 1PM, 40 Acre Farm in Brownstown, PA, Leroy Z Zimmerman, owner, Paul E Martin Auction Service

TUES JAN 22 Winross Trucks Farm Toys 1964 Jeep etc, located Liberty Fire Hall Main St New Holland PA Kline Kreider & Good Aucts

TUES JAN 22 & WED JAN 23 9 00AM Quilts Crafts and Buggy Sale (Buggies Sell Tues At 1 00 P M) Diffenbach's Aucts

WED JAN. 23 - 11AM, Real Estate-1 story concrete block mfg building approx 18,898 sq ft, situate on 1.28 acres m/l, located 160 S. Poplar St, Borough of Elizabethtown, Lanc Co., PA, Fabric Fabricator, Inc, owners, Howard Shaub, Auct

SAT JAN 26 - 8 30AM, Antiques, to be sold from Abbottstown Fire Hall, Abbottstown, PA, Rt 30 W. of York, Estate of Evoyne Hersh of Abbottstown, Rentzel's Auction Service

SAT JAN 26 - 10AM, Machinery & Bred Heifer Sale, located 12751 Creagerstown Rd, Thurmont, MD, Dottie and Lou Plumber, owners, NH Cattle Co -Norman Hill, Salr Mgr

SAT JAN 26 - 1PM,**DATE CHANGED TO MON JAN. 21**40 Acre Farm in Brownstown, PA, Leroy Z Zimmerman, owner, Paul E Martin Auction Service

WED. JAN. 30 - 1PM, 73 Acre Farm located along Dogwood Dr leading from Brunners Grove Rd to Smokestown Rd, E Cocalico Twp., Lanc. Co., PA, Florence Fry, owner, H. H Leid Auction Service, Aucts.

February

FRI. FEB. 1 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

SAT. FEB 2, Full Line Horse Drawn Farm Machinery, 10 Horses, 80 Dairy Cattle, etc, on farm 2 mi W. of Selinsgrove, PA, Mr and Mrs Raymond Martin, owners, Fraley Auction Co, Auct

SAT. FEB. 2, 1.51 Acres M/L, Real Estate, located at 105 Meadow Valley Rd., Ephrata Twp, Lanc. Co, PA, J Banks Musser and Lorene M. Musser, owners, T Glenn Horst and Sons, Aucts

SAT FEB 2, Mules, Driving Horses and Farm Equip, located 10 Tanyard Rd, Conestoga, PA, Elam and Sally Stoltzfus, owners, John D Stauffer Auctions, Manheim, PA.

TUES FEB 5 - 9AM, Registered High Grade Holsteins, Farm Machinery, Milking Equip & Horses, located N. of Bird-In-Hand, PA, Amos K. and Sara K. Beiler, owners, Steve and Steve, Jr Petersheim, Aucts.

FRI. FEB 8 - 9AM, Farm Equipment & Supplies. Diffenbach's Aucts.

SAT FEB 9 - 9AM, Livestock, Horses, Farm Machinery and Some Household, located ½ mi. W. of Belleville, PA along Rt. 305, Kare E. Kanagy, owner, Mark Glick, Aucts.

SAT. FEB. 9 - 1PM, 89 Acre Sandstone Dairy Farm, located along Martin's Dr., off Rt 897, 1 mi. S. of Reinholds, Lucy G. (Martin) Weaver, owner, Nevin Martin and Andrew Martin, Aucts

WED FEB. 13 - 9AM, Consignment Farm Equip. & Hardware-Kirkwood Repair Shop, 552 Coopers Dr., Kirkwood, PA, Samuel K. Zook, owner, Blaine Rentzel and Dennis Wolgemuth, Aucts

FRI FEB. 15, Complete Line of "like new" JD & NH Farm Machinery, Trucks & Misc Items, located RD 1, Lykens, Dauphin Co, PA, Robert J & Jean L Rodichok, owners, Kling's Auctions, Inc, Sale Mgrs

FRI FEB 15 - 10AM Horse Sale, at New Holland Sales Stables, New Holland, PA.

SAT. FEB 16, Farm Equipment, Tools, located along Rt 897, 1 mi S. of Terre Hill, Isaac Snader, Clyde H. Martin, owners, Nevin Martin and Andrew Martin, Aucts

SAT FEB. 16 - Tack 9 30AM, Horses 11AM, at the Belleville Livestock Mkt., Belleville, PA, selling work horses, drivers and meat horses, Mark Glick, Auct.-B.L. Mkt.

SAT. FEB. 16 - 10AM, Mules & Farm Equipment. ½ Mi. Northwest Of Little Britain For Amos F. Miller (On The Premises) Diffenbach's New Holland Auction Center, Ltd., 100 W. Jackson St, Box 485, New Holland, Pa 17557.

SAT. FEB. 16 - 10:30AM, Estate of Orville Dey-Farm Machinery and Shop Tool Auction, Pirrung Auctioneers, Inc., Aucts.

MON. FEB. 18 - 10AM, Full Line of Farm Equip., located 2948 Back Run Rd., Manheim, PA, Richard and Joyce Hess, owners, Jim Hershey & Raymond Miller, Aucts.

MON. FEB. 18 - 11AM, Modern Potato Farm Machinery Auction, located Middletown, DE, Rutkoske Brothers, owners, Pirrung Auctioneers, Inc., Aucts.

TUES. FEB. 19 - 9AM, Livestock and Farm Equipment Located ½ Mile South Of Nickle Mines, 1 Mile North Of Rt. 896 From Georgetown, Lanc. Co. For Mrs. Jonas King And Reuben B. Fisher (On The Premises). Diffenbach's New Holland Auction Center, Ltd., 100 W. Jackson St., Box 485, New Holland, Pa. 17557.

TUES. FEB. 19 - 9AM, Work Horses, 46 Head Holsteins, Farm Machinery and Some Furniture, located 2½ mi. E. of Belleville, PA turn S. off Rt. 655 onto Spring Run Rd., ¼ mi to farm, Urie D. Swarey, owner, Mark Glick, Aucts

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SHORT NOTICE
DAIRY DISPERSAL AUCTION
PET ROYPA FARM

ALMON PETERS,
TROY, BRADFORD CO., PA.

Having decided to discontinue dairy operation we have been commissioned to sell on

THURSDAY, JAN. 10th,

@ 12:00 Noon
Blizzard Date Jan. 12, 1991

At the farm on Pisgah Road - 2 miles north of Penn. Rt. 6 use Pisgah Road ½ mile west of West Burlington or 5 miles east of Troy, Pa. Watch for Arrows.

50 REGISTERED HOLSTEIN COWS 50

Home raised dairy now averaging 65 lbs. per day with RHA of 18,251M 3.6% 657F with low somatic cell count of 226,000. All from Sire Power sires such as: Chairman, Count, Ned Boy, Jemini and Bred to Sire Power sires. Classified: 1 excellent, 5 very good, 19 good plus, BAA 101.5, Year round dairy, 20 two year olds, 6 three year olds, 7 four year olds, Some individuals selling:

Flo: GP Chairman 5-1 344da 26845M 3.6% 973F due Feb. 15th.

Gere: Marvel daug. milking 83 lbs. as 2 yr. old projected 2-9 21,564M 628F.

Gertrude: VG86 milking 90 lbs. projected over 20,000M.

Hazel: Chairman daug. projected 2 yr. old 20,475M 554F still milking 67 lbs.

Fussy: GP 83 Gemini daug. fresh and milking 107 lbs for tester.

Hannah: Projected 2-11 19,118M milking 83 lbs.

Ellen: GP83 Jemini fresh milking 84 lbs. Cattle for discriminating purebred breeder and commercial dairyman Calfhood Vaccinated, Certified and Accredited plus 30 day blood & T.B. Shot for shipping fever, BVD, etc. Vet Examined.

AUCTIONEERS NOTE: Pet Roypa herd has been home raised for years using best of Sire Power. A real good uddered dairy in good flow of milk, cows that will go home and suit. A good place to buy replacements.

TERMS: CASH OR GOOD CHECK
LUNCH AVAILABLE

OWNER:
MR ALMON L. PETERS

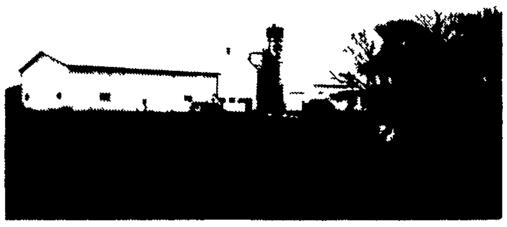
SALES MANAGER AND AUCTIONEERS

Glenn P. Shores	Howard W. Visscher 959L
Towanda, Pa.	Nichols, N.Y.
717-265-8250	607-699-7250

Public Auction
40 Acre Limestone Farm

MONDAY, JAN. 21, 1991
Auction Time: 1:00 P.M.
Located: 148 Metzler Rd.,
RD#2 Ephrata, PA

Directions: From intersection of Route 272 and 772 at Brownstown, go north on Rt. 272 appr. 2/10 mile turn right onto Church St., go 1 block turn left onto Metzler Rd. to first farm on right. West Earl Twp., Lancaster County, PA.



2½ Story Frame Home

w/large eat-in kitchen w/built-in cabinets; 5 bedrooms; 2 baths; laundry room; living room; family room.

Large Bank Barn

with new addition and feed lot with liquid manure storage; for appr. 100 head steer; bunk feeder.

New 50x64 Insulated Shop

with grease pit; parts room; office; restroom.

- 2 stave silos
- 2 400 bu. grain bins
- well with pressure system
- 1200 bu. round crib
- drive-in corn barn
- on lot sewer

Note: This is a very nice farm, with level limestone soil, at an excellent location! Zoned: Agriculture.

Open House: Sat., Jan. 5, 12:00 noon to 3:00 p.m. or by appointment. Balance of farm may be seen anytime. For a private showing, transportation to see farm, or assistance to obtain financing call Paul E. Martin, auctioneer, at 717-733-3511.

Terms: 10% down day of auction, balance at final settlement on or before April 1, 1991.

AUCTION BY:
LEROY Z. ZIMMERMAN

Edward L. Miller, Atty.

Professional AUCTIONEERING
PAUL E. MARTIN AUCTION SERVICE
AU-001601 L
Paul E. Martin
Ephrata, PA
717-733-3511

PUBLIC AUCTION
CONSTRUCTION EQUIPMENT INVENTORY
LIQUIDATION AUCTION
Sat., Jan. 19, 1991

At 9:30 A.M.

Located 1/4 Mile West Of The Village Of Strausstown, Along The Road To Rehersburg, Berks Co., Pa.

Trucks- Asstd. Dumps & Pickup; Dozer- 1982 Case 850 Crawler Bucket Loader; Backhoe-Case 580 w/1'-2'&3' Buckets; Tractor- Ford 800 Series w/3 Pt. Etc; Generators, Asstd. Rechargeable Elec. Hand Tools, Radial Arm Saw, Jointer, Port Air Compressors, Port Sawzalls, Welder, Acetylene Outfit, Scaffolding, P Trol, Plus More. Full Ad Jan. 12.

For DAVID H. KEGERREIS

PO Box 21? • Fogelsville PA 18051 • 215 395-8084 • License #AU001809 L
RALPH W. ZETTLEMOYER AUCTION INC.

Public Auction
LIVESTOCK - MACHINERY - SOME HOUSEHOLD
SAT., JANUARY 12, 1991

AT 9:00 A.M.

Located In Snyder County, 8 Miles South Of Selinsgrove, PA., Turn West Off Routes 11-15, At Port Trevorton (At B.P. Gas Station) Onto Peffer Valley Road, 1 Mile To Farm Lane, Or ½ Mile East Of Susquehanna M. Church.

LIVESTOCK AND GRAIN

Pair of 4 yrs. old grey Percheron horses well broke, 4 yrs. old black gelding broke, some collars, harness, ropes, etc., neck yokes, eveners, etc. 10 tons ear corn, 100 bus. wheat, 50 bus. oats.

8 GOOD CROSS BRED AND SWISS FEEDERS STEERS APPROX. 500-600 LBS.

3 SHEEP, 2 EWES AND RAM - 50 DEKALB PULLET HENS (BROWN EGGS).

FARM MACHINERY

Frick 22 in. thresher w/clover seed concaves, I.H. 8 ft. grain binder, J.D. 12 disk grain drill on steel, drill for parts, J.D. corn planter, transplanter, Ez-Flow 12 ft. lime-fert. spreader (good), 2 N.I. 10-A manure spreaders, 2 steel wheel flat bed wagons, wooden wheel box wagon, I.H. no. 6 and J.D. no. 4 mowers, 3 side rakes, 2 I.H. hay loaders, I.H. silo cutter for parts, Papec knives and gears, flexible elbows, J.D. harrow, 6 and 8 ft. disks, Oliver plow parts and bottoms, potato plow like new, 3 I.H. riding cultivators, 3 one horse shovel harrows, dirt scoop, ditch grader, 1 horse hay tedder, dump rake, 2 seated carriage, market wagon, spring wagon, 2 wheel cart, 2 bob sleighs, family size sled, a lot of old implements for parts and junk, platform scales, wood saw, cast iron hog trough, old bath tub, milk cans, 55 gals. drums, 500 good tomato baskets, tobacco lath, 150 locust posts, cherry, walnut and sassafras lumber, pump jack, ext. ladder, 75 ft. of 5/8 cable, small forge and wagon load of misc. items.

HOUSEHOLD GOODS

Prizer and Monarch kitchen stoves, Estate heatrola, kerosene heater, iron beds, chest of drawers, 2 oak buffets, kitchen cabinet, drop leaf table, oak ext. tables, sewing machine, rocking chairs, high chair, baby cribs, clothes dryer, gal. crocks, green jars, old milk bottles, iron kettle w/citrus tree, cactus plants, Book of Knowledge encyclopedia, puzzles, croquet set and misc. items.

Terms - CASH

RUFUS M. AND MICHAEL WEAVER

Port Trevorton, Pa.
Mark Glick - Auctioneer
AU-349-L
Food Stand

OUTSTANDING AUCTION

ANTIQUES, QUALITY FURNISHINGS, EARLY PINE 84"x53" YELLOW PINE STEP-BACK DUTCH CUPBOARD, VICTORIAN WALNUT SOFA W/ BURGUNDY UPHOL., 7 PC. VIRGINIA GALLERY CHERRY BEDRM. SUITE, OAK BOW FRONT CHINA CLOSET, TABLE, SIDEBOARD, ANTIQUE CASH REGISTERS, CHILD'S FURN., COLLECTION OF (50) WYNADOTTE, STRUCCO, RICHMOND TRUCKS, EQUIP., TONKA LADDER TRUCK, JD TRACTOR W/MANURE, OTHERS, OIL LAMPS, COUNTRY KITCHEN COLLECTIBLES, CLOCKS, EARLY QUILTING FRAME, SM. ITEMS, ETC. WOODWORKING POWER EQUIP. SAWS, BANDSAW, ETC. HAND TOOLS, HOUSEHOLD ITEMS, BOOKS, MAHOGANY DINRM. SUITE

JANUARY 19, 1991
9:30 A.M. SHARP!
(AUCTION HELD INDOORS)
Location: Red Men Pavilion, Rt. 472- ¼ mi. S. Oxford, PA.
TERMS: CASH or CHECK W/ID.

BY ORDER:
ESTATE OF
DR. WILLARD J. TREZISE

WHITESIDE AUCTION SERVICE
215-932-2114 or 2291
AUCTIONS, APPRAISALS, REMOVALS
AU-2368 & 1006
4th Gen. PA & MD Service

COMPLETE DAIRY HERD DISPERSAL

Thursday, January 17, 1991

11:00 A.M. Sharp!
(Blizzard Date - Friday, January 18)
Selling at Kling's Sale Barn, located 15 miles North of Carlisle on Rt. 74, 2½ miles N.E. of Landisburg, Perry Co., Pa.

136 HOLSTEIN DAIRY ANIMALS

80 Cows with Approx. 60 Milking now; 20 Fancy Dry Cows due in the next 30 to 60 Days; 20 Well-grown Heifers bred from 2 to 8 Months. Balance Yearlings and Calves.

"This is a Nice Tie-Stall Herd - All Home Raised - All A-I Bred and Sired for years." Pregnancy Checked - Vaccinated for Shipping Fever.

Majority of the Herd is 3 & 4 Year Olds. **Nice Young Cattle with Good Udders!** Milk Weights Announced Day of Sale.

Also Selling - 2 Semen Tanks, A Quantity of Semen, Cow Clippers and Misc. Dairy Items. Including - a Bou-matic Milker Pump w/5 hp motor and S.S. Vacuum Tank.

"Don't Miss the Machinery Dispersal on Friday, February 15 at the Farm, Lykens, R.D. 1, Pa." Items selling include...J.D. 6620 Combine, JD 4450 4x4 Tractor, N.H. Self-propelled Haybine (1 yr. old), JD 7740 6-row planter, (2) '87 Ford Trucks w/dump bodies and a complete line of other Good J.D. & N.H. Farm Equipment.

Owners...
ROBERT J. & JEAN L. RODICHOK
R.D. 1, Box 208, Lykens, Pa.
717-362-9233

Sale Managed By...
KLING'S AUCTIONS, INC.
R.D. #1, Box 66, Landisburg, Pa.
Lic. #500
717-789-3883 (Office)

AUCTION KLING'S SERVICE

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

WED FEB. 20, Farm Machinery, Holstein Herd, Mules, HH Goods and Antiques, located N of Terre Hill, Lanc Co, PA, Steve and Steve, Jr Petersheim, Aucts

MON FEB. 20, Farm Equipment, located 435 W Burkholder Dr, Lititz, PA, Raymond K Burkholder, owner, Paul E Martin Auction Service, Aucts.

THURS. FEB. 21 and FRI. FEB. 22 - 8:30AM Both Days, Antique Tractors, Engines, New-Used and Abused Farm Equip., located 10 mi E of Lancaster, 2½ mi W of New Holland, turn off Rt 23 of S. Groffdale Rd., left on Musser School Rd., Lanc. Co, PA, Elias S Beiler, owner, Robert E. and Jeffrey R Martin, Randal Ranck, Blaine and Nevin Rentzel, Bob and Dennis Wolgemuth, Freddy Goodrich, Aucts.

FRI. FEB 22 - 9:30AM, Dairy Herd, Horses and Farm Machinery, located 4 mi. S of Belleville, PA or 2 mi. E. of Allensville, PA along Rt 655 at the former Hooker Farm, Mr. and Mrs. Benjamin L. Peachey, owners, Mark Glick, Aucts.

SAT. FEB. 23, 17th Annual Public Sale of Farm Equip., Tools, Hay, Straw, Building Materials, Horses, Mules, Fruit, HH Goods, Antiques, Quilts, etc., located 46 W. Main St, Strasburg, by the Strasburg Fire Co.

SAT. FEB. 23, Farm Equipment and Household Goods, located along Sheep Hill Rd., ½ mi South of East Earl, Ivan Z. and Barbara S. Martin, owners, Nevin and Andrew Martin, Aucts.

SAT. FEB. 23 - 8 30AM, Seventeenth Annual Public Sale, Farm Equipment, Tools, Household Goods, etc., etc., by Straburg Fire Co., Miller and Sigrist & Local Auctioneers.

SAT. FEB 23 - 9AM Sharp! Farm Machinery, Tools, Truck, Milking Parlor, HH Items, Complete Dispersal, located off Rt 30 at York, PA, taking Rt 74 N. 3 mi to Brooks Drugstore then turn W. ½ mi to sale, Mr. and Mrs. William A. Gerber, Jr, owners, Clair R Slaybaugh, Auct

MON FEB 25, Tractor and Farm Machinery, Rt 501 S of Myerstown, Leb Co, PA, Wenger's Farm Machinery, Inc, Harry Bachman and Blaine Rentzel, Aucts

TUES FEB 26, Herd of Reg Holsteins, Full Line of Farm Mach, located Clearfield Rd., Lanc. Co., PA, Jacob S. Stoltzfus, owners, Steve and Steve, Jr. Petersheim, Aucts.

TUES. FEB. 26, Farm Equipment and Household Goods, located 2 mi N of Leola, turn off Rt 23 on N Quarry Rd. turn left on Stormstown Rd., 2nd lane left, Benuel K King, owner, Robert E. Martin, Jeffrey R. Martin, Aucts, Randal Ranck, Appr.

TUES. FEB 26 - 9AM, Horses, Machinery, Dairy Equip, Some Furniture, located in Centre Co, ½ mi N of Rebersburg, PA along Rt 880, C J and Mose Stoltzfus, owners, Mark Glick, Aucts.

TUES. FEB 26 - 9 30AM, Late Model Farm Machinery and Tractors, located in Lanc. Co., Ephrata, PA along Meadow Valley Rd., Edwin Z. Horning & Sons, owners, Blaine Rentzel, Ed Goodrich & Joe Brown, Aucts

WED. FEB 27 - 9AM, Full Line of Horst Drawn FArm Machinery, 6 Head of Mules, 3 Flat Bed Wagons, Few HH Goods and Antiques, located 2 mi. W of Morgantown, Christ E. and Rebecca Stoltzfus, owners, Steve and Steve Jr Petersheim, Aucts

WED FEB 27 - 11AM, Veg. Farm Machinery Auction, located Rt. 535, Cranbury Rd., Opposite Middlesex Cty. Fair Grounds 5½ mi. NW of Jamesburg, NJ, Joe Konuk, owner, Col Fred R. Daniel, Aucts

March

FRI. MAR 1 - 9AM, Machinery On Consignment at the Belleville Livestock Mkt, Belleville, PA, Mark Glick, Auct

FRI. MAR. 1 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SAT MAR 2, Woodworking Machines and Carpentry Tools, located along E. Black Creek Rd., off Rt 625 near Bowmansville, Mrs. Clemont Leibach, owner, Paul W. and LeRoy S. Horst, Aucts.

SAT. MAR. 2, Farm Equipment, Tools, HH Goods, located 351 E. Mill Ave., Myerstown, PA, Ivan M and Esther Weiler, owners, Paul E Martin Auction Service, Aucts

SAT MAR 2 - 8.30AM, 27th Annual Bart Twp Fire Co Sale, Farm Equipment, Tools, Antiques, Quilts, Dry Goods, HH Goods, located in the village of Georgetown, 6 mi SE of Strasburg along Rt 896 (Lanc Co, PA), Local Auctioneers

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AUCTION

30 Acre Farm M/L

Don't Miss This Auction

Sat., Jan. 12, 1991

9:00 A.M.

30 ACRE FARM, FARM MACHINERY, ANTIQUES & HOUSEHOLD GOODS

Located at 441 Weaver Road, Strasburg, Pa. Take May Post Office Road south (Decatur Street) approx. 2 miles to Weaver Road on left, approx. ½ mile to farm on the right. (Follow auction signs).

Real Estate Offered At 1:00 P.M.

Farm consists of approx. 30 acres M/L with approx. 20 acres tillable with 2 story bank barn approx. 30 ft. x 75 ft. with stalls for 19 cows, gutter cleaner, milk house with bulk tank & a nice 30'x32' corn barn, well & spring. The 2½ story home has 3 bedrooms, bath, living room, dining room, kitchen, attic, basement, oil fired hot water heating. This country property deserves your attention.

REAL ESTATE TERMS: 10% down day of auction. Settlement in 45 days. Real estate taxes pro-rated. Transfer taxes paid by buyer. All statements made day of auction take precedence over all previous advertising.

FARM MACHINERY: J.D. 1010 tractor - gas; J.D. 24 KBA disk harrow; J.D. #44 2 bottom plow; 3 section spring harrow; 8 ft. cultipacker; J.D. grain drill; red flat bed wagon with 3 ft. sides; flat bed wagon with 4 ft. sides; #28 KBA wheel transport disk; 20 ft. Smoker elevator on trailer with ¾ h.p. motor; J.D. 55 table silo blower; 4x20 ft. feeder wagon; Case 530 diesel tractor, wide front end with hydraulic loader; cement mixer with electric motor; Letz feed mill; platform scales; 36 ft. extension ladder; 2 double hay spears; dung hook; dirt scoop; milk cans; SS pail with lid; iron kettle & spider; 30 gal. copper kettle; apple butter stirs; pudding stir; butcher equipment; small potbelly stove; broader stove; Homelite chain saw with 14" & 16" bar; wooden pulleys; bale hooks; tools; wrenches; hammers; saws; wooden planes; augers; brace & bits; hoes; rakes; shovels; rakes; wire stretcher; barb wire; gas tank; lumber pine 6", 8" & 10" (10-12 ft. long); Ford wrenches; plus more. Approx. 19 ton ear corn; approx. 5 ton 1st cut alfalfa.

HOUSEHOLD GOODS & ANTIQUES: 2 pc. living room suite; oak extension table, 6 leg with 4 boards; oak dresser with mirror; kitchen cabinet; 4 plank half spindle chairs; chest of drawers; high chair; single bed; play pen; trunks; corn dryer; wash board; quart jars - some blue; freezer boxes; dishes; crocks; pretzel, cookie & candy cans; keys; china closet; server; Knowles china; trunk; chest of drawers; cot; sideboard; teddy bear; crocks; egg basket; food grinder; organ stool; claw feet; & more.

TERMS: Cash, No Out-Of-State Checks. Good Food Available.

All Statements Made Day Of Auction Take Precedence Over All Previous Advertising.

Owner:
Daniel L. Martin

ATTORNEY:
DAVID HOMSHER

AUCTIONEERS APPRAISERS
Auction Service Since 1961

RON FUNK AU-314-L Paradise, 442-4279
GORDON RESSLER AU-1575-L Paradise, 687-7402

We want to be your Auctioneer! For a free confidential auction estimate phone auctioneers.

AUCTION SALE

3100 LOCKSETS, ANDERSON WINDOWS, ROOFING, PARTICLE BOARD, PLUMBING, FURNITURE, LIGHT FIXTURES, BEDDING, TILE

TUESDAY, JANUARY 8

10 A.M

ON PREMISES

1825 E. BOSTON AVE., PHILA., PA.

SALE FOR ACCOUNT OF UNDERWRITERS AND OTHER ACCOUNTS COMPRISING IN PART

3100 YALE LOCKSETS

3100 New Yale Packaged Locksets All In Original Cartons Entrance, Passage, Bedroom & Deadbolt In A Full Assortment of Finishes

ANDERSON WINDOWS, ROOFING, DOORS, LUMBER

Sliding Andersen Patio Door, Storm Doors, Bifold & Flush Doors, Entrance Doors, Solid & Hollow Core Doors, Shutters, Anderson Single and Double Casement & Picture Windows, 325 Rolls Industrial Roofing Paper, Shingles, Wood Moldings - Cap, Stop Double Edge & Base, Assortment of Wood Flooring - Oak, Plank & Parquet ¾" & 5/8" Particle Board, Paneling, Plywood, Cafe Doors, 2x8 to 2x12 Dimensional Lumber

KITCHEN CABINETS, PLUMBING SUPPLIES

Assortment of Wood & White Kitchen Cabinets - Wall, Base, Sink, Corner & Utility Cabinets, Range Hoods, Faucets, Vanities, Plumbing Supplies, Steel Tubs, Tub Surrounds, Glass Shower Enclosures, Toilet Seats, Captive Air Tanks, Centrifugal Pumps, Water Softeners, 125 cases 24/20 Oz. Crushed Pineapple

FURNITURE, LIGHT FIXTURES, BEDDING, TILE

Contemporary Cocktail & End Table Sets, Hutch Base Cabinets, Dining Room & Dinette Chairs, Upholstered Sofas & Loveseats, 66 Hanging Light Fixtures, Boxspring & Mattress Sets, Brass Planters, 1,200 S F 12x12 Marble Floor Tile.

INSPECTION: MONDAY, JANUARY 7 - 9 A.M. to 4 P.M.
TERMS: CASH OR CERTIFIED FUNDS - 25% DEPOSIT REQ.

ESTABLISHED IN 1834
COMLY *Auctioneers*
WM. F. COMLY & SON, INC.

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500

SHORT NOTICE

PUBLIC AUCTION

OF FARM REAL ESTATE AND SMALL & MISC. ITEMS

SAT., JANUARY 12 AT 12:30 P.M.

(REAL ESTATE AT 1:00 P.M.)

LOCATION: From the South - Route 422 East of Myerstown - Go North on Wintersville Rd. to School Rd. - turn East on School Rd. - 1/8 mile Farm on left. From the North - Exit Route 78 at Bethel - go South on Rt. 501 thru Bethel - South of Bethel stop sign at T - 501 goes Right, you turn left on Rehrersburg Rd. - very short distance take a right on Wintersville Rd. to School Rd. - turn left on School Rd. 1st Farm on left.

DESCRIPTION: 100 ACRES M/L FARM approx. 85 to 90 acres tillable, remainder pasture. Very private setting. Buildings are off the road. Stream, pond and inground pool. 2½ Story 4 Bedroom Brick dwelling w/1½ baths and New kitchen. Loose housing. Bank Barn with 3 Bays & 2 Mows plus 2 additions. Converted Tobacco Barn w/Pleasant Shop & lean to Equipment Shed. New Multi Purpose building. 20x27 Grain Harvestore w/Sweep Arm Unloader.

TOOLS & MISC. ITEMS: Harvestore Roller Mill, Air Compressor, Simplicity 4211 Lawn Tractor, ½ Drive Air Impact Wrench, Chain Saw, Tire Chains, Twine, Ladders, Asst. Hand Tools, Axes, Misc. Lumber, Cattle Gates, Platform Scale, plus many more items.

TERMS: 15% Down day of Sale, balance on or before February 24th, 1991.

OWNER:
Robert W. & Robin L. Reber (H/W) and Ellen E. Reber

INFORMATION:
RICH BRANDT FARM & LAND REAL ESTATE
2033 Penn Ave., Reading, PA 19609
(215) 678-1122 (717) 274-3622
RICH BRANDT AUCTION MANAGEMENT
(215) 678-1122
(717) 274-3622
Auctioneer, Sylvan B. Witmer AU-001807-L (717) 933-5328

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

MON. MAR. 4 - 10AM, Line of Farm Machiney and some Dairy Equip , located in Huntingdon Co., turn N off Rt 305, ½ mi. E. of Petersburg, PA, cross bridge turn right 3/4 mi to farm, Allen and Margaret Ingle, owners, Mark Glick and Dale Gibboney, Aucts

MON MAR 4 - 10 30AM, Equipment Auction, located Lima (Livingston Co, NY, Mr and Mrs Helmuth Werner Complete Potato and Grain Farm, Pirrung Auctioneers, Inc., Aucts.

TUES. MAR. 5, 9AM, Dairy Cows and Farm Equipment, 3 miles south of Strasburg along Eisenberger Road for Levi S. Fisher (On the premises). Diffenbach's New Holland Auction Center, Ltd., 100 W. Jackson St., Box 485, New Holland, Pa. 17557.

WED. MAR. 6 - 10AM, Farm Machinery, (2) AC diesel tractors, Full Line of Forage & Tillage Equip., Milking Equip., located 3 mi. E. of Honey Brook, PA, John O. and Lydia Stoltzfus, owners, Steve and Steve, Jr. Petersheim, Aucts.

FRI. MAR. 8, Full Line Modern Machinery, 3 Tractors, 50 Dairy Cattle, etc., on farm 3 mi. N. of Lamar, PA, James & Violet Muthler, owners, Fraley Auction Co., Aucts.

SAT. MAR. 9, Household Goods, Farm Equip. and Livestock, located E. of Ephrata between Ephrata and Green Dragon turn right off of N. State St. on Mohler's Church Rd., first farm after church on right, Harvey S. and Barbara W. Martin, owners, Robert E. and Jeffrey R. Martin, Aucts., Randal Ranck, Appr.

SAT. MAR. 9 - 8:30AM, Gordonville Fire Co. Annual Spring Sale-Household Goods, Farm Machinery, Livestock, Lumber, Antiques and Quilts, terms by Gordonville Fire Co. Sales Committee, Local Auctioneers.

SAT. MAR. 9 - 9:30AM, Full Line of Farm Equip., located along Weaver Rd. Midway between Manheim, PA and Mt. Joy, PA just off Rt. 772, Paul and Robert Weaver, owners, Raymond Miller and Jim Hersehy, Aucts.

GUN Auction

Big Top Auction Center
Lock Haven, PA

Saturday, January 12th, 1991 at 10:30 A.M.
Public Inspection Starting at 9:00 A.M.

200 Lots + Makes and Models of Modem Rifles - Some New - Antique - Collectors & military Rifles - Large selections of Shot Guns of all types, Military - New - Modem - Antique - Collectors - Hand Guns - WW II - German Flags & Dagers - Memorabilia - Knives - Plus other Sporting Goods and More.

TERMS: All Federal Firearms and PA Firearms Regulations Prevail.

Cash or Check with Letter of Credit

Good Parking - Super Highway Access- Lunch Served. Held inside regardless of Weather Conditions. List of Guns Available; Call 745-7200

RELL
Big Top
AUCTION
CENTER

by Rell Auction.
(717) 398-7316
AU-001844-L

At 115 South Washington Street, Lock Haven, PA. Off South Walnut St. - 3 blocks South of "Days Inn".

AUCTION

COMPLETE LIQUIDATION

RESTAURANT - PIZZERIA
FOR: SAL'S PIZZERIA

Location: Plymouth Meeting Mall, Plymouth Meeting, Pa.

Monday, January 14, 1991

10:00 A.M.

Inspection: 8:00-10:00 A.M. Day of Auction

Equip: 2 Dr. Baker Pride Pizza Oven, gas • 6 ft. Keating - "Miraclean" Grill with refrigerated base • Pitco Frialator #4-5 • Hobart Mixer H600 • Hobart Slicer #1712 • Bunn Table 2 drawer • Warming Stand • Range Guard Hood & Ansul System • True Refrigerator Miraclean #72 "Bain Marie" with teflon top, gaas • 4 Bay Refrigerated Work Station, butcher block top • 3 Burner Gas Stove • Colborne Bread Dough Sheater • SS sinks • Work Tables • C Bradfordwhite Hot Water Heater **Refrigerator:** 2 Glenco Guardian 2 dr units: Freezer & Refrigerator • Challenger 8x8 Walkin Refrigerator • Manitowac 600 ser cubes #C-700 (2 yrs. old) • Victor Cash Register • SS Stackmaster Shelving • 24 Tables 30x30 • 96 Parlor Chairs • Butcher Block Top Table • 2 Formica Step Down store counters • **Misc kitchen accessories.**

Note: Extremely Clean Merchandise, Be Prompt, Not many Small Items.

Directions: Plymouth Meeting Mall is located off route 422 (Germantown Pike), one mile north of Norristown Exit #24 of the Pa Turnpike. Enter SE corner Service Entrance to Mall. Next to Hess's lower entrance. Watch for "Alderfer Auction" sign.

Terms: Cash/Acceptable Check

SANFORD
ALDERFER AUCTION COMPANY
501 Fairgrounds Road • Hatfield, PA • (215) 368-5477

CARPENTER AUCTION

44 CATTLE

12:30 TUES., JAN. 8, 1991

HARPURSVILLE, N.Y.

Take I-88 Exit 6 (Harpursville). Harpursville is about 12 miles East of Binghamton, then West on Rt. 7 about 1½ miles, turn on Rt. 79 West, go about ½ mile, then turn on Lippa Road, go about 1 mile to farm. Watch for auction arrows.

This herd has 22 Holsteins (several Reg.), 9 Jerseys (3 Reg.), 4 Ayrshires (3 Reg.), 4 R&W Holsteins, 4 Blue cows, 1 Dutch Belt, 2 Linebacks (1 R&W). The majority (30) are just fresh or due soon, balance all stages. Some milky cows here that have not been pushed.

Machinery (Sells First)

NH S717 w/2 heads, JD silage wagon, Kasten silage wagon, NH 513 manure spreader, Oliver 4 bot. plow, hay wagon, blower pipe & spout, 40' hay & grain elev.

Larry Hagedorn
607-693-1110

"Charlie" Manasse
AUCTIONEER
607-692-3516

Hilda Carpenter is retiring from the dairy business.

"Charlie Sez",

Join us for our first farm sale of the year. Buying these colorful cows will bring you cheer. SEE YA TUES., JAN. 8 in Harpursville!

Thinking auction? Call "Charlie" or Larry - Over 50 years combined experience. We have been imitated, but never equaled. 607-692-3516, 607-693-1110.

VILSMEIER ABSOLUTE auction

91M026/91M032/91S601

SATURDAY, JANUARY 19, 1991 — 9:00 A.M.

PEACH BOTTOM ATOMIC POWER STATION, DELTA, PA.

(Approx. 30 Miles South Of Lancaster, PA) (Approx. 35 Miles North Of Baltimore, MD)

PHILADELPHIA ELECTRIC COMPANY

NOTICE: Philadelphia Electric Co. is selling at auction surplus storage containers, contractors tools, shop equipment, electrical and mechanical tools and supplies, welders and welding supplies, and miscellaneous material from the Peach Bottom Atomic Power Station. Everything in the sale belongs to PECO and will sell to the highest bidder regardless of price.

LOCATION: The sale will be held at the PECO Peach Bottom Atomic Power Station in Delta, PA, on Lay Road, approximately 30 miles south of Lancaster, PA and approximately 35 miles north of Baltimore, MD.

PLANERS, LATHE, & BRAKE

CINCINNATI 20" Horiz Shaper, s/n 11644, (2) GOULD & EBERHARDT 16" Horiz Shapers, s/n 2501A7 & 1622A2; CINTILATHE 16" Engine Lathe, s/n 1W3E58-45; CHICAGO SO-812, 8' Manual Brake.

(13) 40' & 20' STORAGE CONTAINERS & (3) OFFICE TRAILERS

(13) 8'x20' & 8'x40' Steel, Aluminum, & Fiberglass Storage Containers, (2) WILLIAMS 10'x32' Tandem & (1) 12'x60' Tri Axle Office Trailers

CUT-OFF SAW, BAND SAW, & GRINDER

KALAMAZOO 30" Elec Hyd Abrasive Cut-Off Saw, JET HVBS-712 Horiz. Metal Cutting Band Saw; WACHS WCR-1 Weld Crown Grinder

WELDERS & WELDING SUPPLIES

LINDE UCC-305, 300 amp Elec Tig Welder; MILLER 330A/BP, 300 amp Elec Welder; LG QTY Copper Welding Leads, Oxygen/Acetylene Hose & Gauges, Rod Ovens, Strikers, Welding Goggles & Capes, (2) NEDENNAN 612862 Port. Welding Fume Eliminators, (5) WELDLINE Tiny Tig Welders

CONTRACTORS TOOLS & SUPPLIES

(Approx 85) 16' & 20' Aluminum Pickboards, PRESTO Material Lift, BUDGET SWING Ratchet Hoist, HILLMAN Rollers, LG QTY Rigging Supplies, COFFING 5 Ton Elec Chain Hoist, (4) AERO-GO Air Skates, (11) SIMPLEX Jacks, LG QTY Extension Cords, Droplights, & Light Stringers, B&D Mag Drill, B&D Core Drill; (4) I-R Chipping Hammers; (2) DRILLCO Core Drills, LG QTY Concrete Core Drill Bits, I-R TWPE1 Hyd Wrench System; (10) Page Phones, THOR Multi Vane, (2) Kerosene Space Heaters; Pallet Jack, LG QTY Hand Tools, (50) Gang Boxes; Shop Tables, Pallet Racks; Air Hose, Suction Hose, Fencing, S/S Plate, C/S Plate, Pipe, Valves, & Fittings

GREENLEE & ELECTRICAL CONTRACTORS TOOLS

GREENLEE 881-CT Hyd. Bender (NEW); (2) GREENLEE 885 & 881 Hyd. Benders; (5) GREENLEE 555 Elec. Benders, (4) GREENLEE 960, 940, 915 Hyd. Pumps; (2) GREENLEE 755 Hyd. Porto Pumps; (2) ENERPAC One-Shot Benders; (50) GREENLEE 555 Bending Shoes; GREENLEE 1802 Bending Table, (2) GREENLEE 858 & 859 PVC Plug Sets; (20) Hickey Benders; LG QTY; GREENLEE Cable Rollers; Sheaves, & Pulling Frames; GREENLEE Reel Stands; DUFF-NORTON Reel Jacks; ENERPAC Hyd. Pumps; T&B 40 Ton Hyd Crimper; T&B Dies, Misc Linemans Tools.

CABLE COUNTER/REELERS

REEL-O-MATIC HJ/K5M, 5,000# cap. Cable Counter/Reeler; REEL-O-MATIC HJ/5MII, 5,000# cap Cable Reeler; (2) HYKON HCM Cable Meter; OLYMPIC 1410 Cable Meter.

RIDGID & MECHANICAL CONTRACTOR TOOLS

RIDGID 850 Pipe Threader; (2) RIDGID 535 Pipe Threaders, RIDGID 200 Pipe Threader; RIDGID 125 Pipe Cleaning Machine; RIDGID & COLLINS 700 & 151 Port. Power Drives, RIDGID 141 Threader; RIDGID 65R Threader; LG QTY. RIDGID Pipe Cutters, Pipe Stands, Pipe Dies, & Replacement Parts, (13) DEERMAN Pipe Clamps; H&M Pipe Bevelers, WHITNEY Punch Presses, SUMNER Pipe Stands.

TRANSFORMERS & ELECTRICAL SUPPLIES

(2) RTE No. 758V12K18R, 750 KVA Oil Type Transformers; R E. UPTREGRAFF CO Spec #U6176, 500 KVA Oil Type PADT Transformer; RTE 500 KVA Oil Type Transformer; (14) G E , SQUARE D, WESTINGHOUSE, & SIB 112 5 KVA - 7.5 KVA Dry Type Transformers, H&S ROTARY R20/504GOHD Motor Phase Conversion System; (4) WESTINGHOUSE #1N03180A03A Surge Protector Capacitors; (400') 1"-3" Galv. & AL Conduit; LG QTY: CROUSEHINDS, APPLETON, T&B, BURNDY, HUBBELL, STEEL CITY, & UNISTRUT Condulets, C-Taps, Clamps, Connectors, Covers, Liquidtite Connectors, Straps, Junction Boxes, Plugs, & Unistrut Fittings, Fuses, Safety Switches, Elec. Tape, & Heat Shrink Tubing

ABSOLUTE AUCTION EVERYTHING SELLS AS-IS WHERE IS TO THE HIGHEST BIDDER REGARDLESS OF PRICE.
TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY.
INSPECTION: Thursday & Friday, January 17 & 18, from 8.00 a m.-4 00 p.m.
DUE TO PECO'S INVENTORY REDUCTION PLAN, SIMILAR TOOLS & MATERIAL COULD BE ADDED TO THIS SALE.
SALE SITE MANAGER/PHONE: David Haag/(717) 456-7014 Ext. 3004.
PA AUCTION LIC. NO: RH-000021-L

MONDAY, JANUARY 21 - 9:30 A.M. AUCTION LOCATION & HIGHLIGHTS: The sale will be held at the PECO Bridgeport Energy Saving Appliance Store, at corner of Rt. 23 West & Fourth St., approx. 3 miles north of Exit #24 of PA Turnpike, Bridgeport, PA.
(Approx 100) NEW G E , WEST. Refrigerators, (Approx. 20) NEW Gas & Elec Hot Water Heaters, (10) NEW Elec. Ranges, (2) NEW Washers; NEW Air Conditioners; NEW Fans; NEW TV's; Lg. Qty. Office Furniture & Office Supplies.
INSP: Fri. & Sat., Jan. 18 & 19, from 8 a.m -4 p m
SITE PHONE: Bridgeport/(215) 270-3216.

ABSOLUTE AUCTION-- EVERYTHING SELLS AS-IS WHERE-IS TO THE HIGHEST BIDDER REGARDLESS OF PRICE.

TUESDAY, JANUARY 22 SEALED BID LOCATION & HIGHLIGHTS: The Sealed Bid Sale will be held at the Barbados Island Generating Station at end of Haws Ave., 2 blocks south of Main St., in Norristown, PA & the Bridgeport Energy Saving Appliance Store, corner of Rt 23 West & Fourth St., in Bridgeport, PA Both locations approx 3 miles north of Exit #24 of PA Turnpike.
BID DEADLINE: 12:00 NOON
Lg. Qty. Elec. Fittings & Supplies; Transformers, CU Cable, C/S & S/S Pipe, Valves, & Fittings, Structural Steel; Motors; Transmitters; Rigging Supplies; & Misc. Material.
INSP: Thurs -Sat., Jan 17-19 & Mon , Jan 21, from 8 a m.-4 p.m., & Tues , Jan 22, from 8 a m -12 noon
SITE PHONE: Bridgeport/(215) 270-3216
PECO RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS SUBMITTED.

--For More Information & Detailed Brochure Call--

VILSMEIER AUCTION CO., INC.
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Rt. 309 Montgomeryville
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Public Auction

Every Fri.

4 P.M.

Furniture 7 P.M.

Located: Green Dragon Market & Auction.

Antiques & Household Goods & Tools & Produce.

Consignment Welcome. Pickup Service Available. Call (717) 733-8192.

Wolgemuth Auction Service

Dennis, #2357 **Bob**
Res. (717) 664-3893 **Res. (717) 665-6684**

PUBLIC AUCTION OF VALUABLE TROPHY & GUN COLLECTION

ON SAT., JANUARY 12, 1991 AT 10 A.M.

AT SPRINGETTS FIRE CO. SOCIAL HALL
3013 E. MARKET ST., YORK, PA.

The following to be offered at public auction—

TROPHY COLLECTION

Rocky Mountain Big Horn Ram Head Mount, Full Curl - Desert Big Horn Ram Head Mount, Over Full Curl (Record Book Class) - Dahl Sheep Ram Head Mount, Over Full Curl - Stone Sheep Ram Head Mount, Over Full Curl - *"These are the four native Big Horn Sheep of North America. Together they are known as a "Grand Slam." This is probably the second time in U.S. history that a "Grand Slam" of this size has been offered for sale."*

1 Mountain Lion Head Mount - 1 Sea Lion Head Mount (rare) - 1 Bull Buffalo Head Mount - 2 Rocky Mountain Goat Head Mounts - 1 Grizzly Bear Head Mount - 1 Alaskan Brown Bear Head Mount - 1 Black Bear Head Mount - 1 Alaskan Bull Moose Head Mount (Record Class) - 1 Canadian Bull Moose Head Mount (Very Large) - 2 Bull Elk Head Mounts (Very Large), 2 Mule Deer Head Mounts (Very Large), 1 Bull Barren Ground Caribou Head Mount (Very Large), 1 Bull Osborne (or Mountain Caribou) Head Mount - 1 Bull Woodland Caribou Head Mount - 1 Buck Antelope Head Mount (Large) - 1 Black Bear Rug with head on - 1 Mountain Lion Pelt, tanned - with fur on - 1 Stone Sheep Hide Rug with hair on 1 Mountain Goat Rug tanned with hair on - 8 Elk Hides tanned (beautiful leather).

GUN COLLECTION

1 Remington Model 1100, 3" Mag. Shotgun, pristine condition, 1 Ruger Single Action Revolver 22/22 Mag., Pistol Belt and Holster, Remington Model 725 w/4x Scope .222, Mossberg Model 46BT .22 w/Mossberg RF1 Scope, Winchester Model 71 .348 w/Weaver Scope, Springfield Savage Model 67F 20 Ga. pump, Ithaca Double Barrel 12 Ga., Winchester 94 Classic & 94 Lovestar 30-30 cal., Winchester Model 190 .30 cal., Springfield Model 67F 20 Ga. Pump, Savage Model 1899 30-30 cal., Savage over-under 410/22 w/Weaver Scope, Marlin 30-30 w/Scope, Hamilton Belgium Twist 12 ga. as-is, 2 Stevens Model 258A .20 Ga. Bolt Action, Western Field .12 ga., High Standard .22 cal. Hombre, Sentnal, 2 Sentnal nickel plated, Double Nine Nickel plated & Rohm .22 RG10, also misc. scope, holsters, belts, parts, 16 Boxes 12 ga. Shotgun Shells, 25 cal. amd 9mm Pistol Ammo, 300 H&H Magnum & 30-30 Rifle Ammo, etc. and other associated items also 1 Western Saddle - padded like new with cinch strap.

SPECIAL NOTE: Preview Showing - Friday Evening, January 11, 6:30 P.M. to 8 P.M. Doors open Sat. 9 A.M. Not responsible for accidents on day of auction. Refreshments Available - Good Parking.

TERMS: Cash or Approved Check. No out of town or out of state checks unless accompanied by a current letter of guaranteed payment from your bank. *Please come prepared.*

AUCTION CONDUCTED BY
GILBERT & GILBERT, AUCTIONEERS
R.D. #1, WRIGHTSVILLE, PA 17368
JACOB A. GILBERT, LIC. #336
TEL. 717-252-3591

BRIAN L. GILBERT, LIC. #2256
TEL. 717-252-1656
AUCTIONEERS

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

PUBLIC AUCTION

MOBILE HOME ON 3.98 ACRES

SAT., JANUARY 19 - 1:00 P.M.

Located in Juniata Co., 16 mi. S of Mifflintown off Rt. 35, 1 mi. S of Reeds Gap along Rt. 850.

3.98 acres, partially wooded w/10x40 Valiant, 2 bedrm mobile home, includes elec. stove, refrigerator & sm. chest freezer. On lot sewage and artesian well w/overflow for pond site. Located just 2 mi. from State Game hunting & trout fishing. FOR INSPECTION: Ph. 717-734-3943.

TERMS: 10% down at time of sale, balance in 30 days.

CHARLES E. ROBINSON ESTATE
C. Brooks Robinson. Admins.

Long's Auction Service
Ph. 717-527-2405 or 4458
AU001702L

PUBLIC AUCTION

VALUABLE ANTIQUES, MILK BOTTLES, DECOYS & HOUSEHOLD GOODS

SATURDAY, JANUARY 12, 1991

9:00 A.M.

Located at the Brickerville Fire Hall just off Rt. 322 West of Ephrata in the village of Brickerville, PA.

FURNITURE: Fine mahogany breakfront style bookcase desk, early high poster curly maple bed, Victorian sofa, Victorian gentleman's chair, early inlaid Kass (entire left side missing), mahogany server, small mahogany breakfront, Queen Anne style dining room table and chairs, fancy French bedroom furniture, cedar chest, 2-fancy tall shield back mahogany chairs, marble top candle stand, butter print dresser, rockers, chairs, living room furniture, early straight front chest of drawers, handcraft Trestle table, fainting couch, school desk, dough tray, press back rocker, mod corner cupboard, plank seat chairs & others

ANTIQUES & COLLECTIBLES: books including "One Red Rose Forever," wooden wheelbarrow, glass churn, old tools, crocks, wooden and glass butter churns, sausage stuffer and butcher tools, milk cans, sleigh bells, Coke International Olympics cloisonne pins, crock foot warmer, Penn State Coke bottles, lamps, lot of china & bric-a-brac, sterling silver & plated ware, nice linens, Bisque ware, costume jewelry, lot of oil paintings by Florence Smith, country store tin bins, oak splint and other baskets.

MILK BOTTLES: Lancaster County; Martin, Cloverleaf Manheim, Manor View Millersville, White Oak Terre Hill, Graybill Lititz, Cream Top, Queen, Moore, Miley Ephrata, Red Rose Mount Joy & others. Cream tops, baby and double baby face and bottles from surrounding counties, also a nice selection of brewery bottles.

DECOYS: Sam Barns 1920 canvas back drake, Jess Urie 1950s redhead drake, Wm. Heverin canvas back drake 1940s w/Durris Pratt head, Jim Pierce swans & ducks, Susquehanna River decoys and others.

HOUSEHOLD, APPLIANCES & TOOLS: Microwave Oven, lamps, Stihl chain saw, sewing machines, weed eater, tread mill, push & power mowers, lot of items not listed.

Auction for:

Florence Smith, Mr. & Mrs. Donald Griffith and two small Estates et al

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Lititz, PA
AU-648L

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MON. MAR. 11, Annual Pennsylvania World Relief Heifer Sale at Lancaster, Wilmer Kraybill, Mgr.

MON. MAR 11 - 10AM, Modern Farm Equipment-Combine, Tractors, Grain Truck & Equip. of Smith Kilgore, off Rt 74, S of Red Lion, PA, Rentzel's Auction Service, Aucts.

TUES. MAR. 12, Farm Machinery Dispersal, located 8112 Mowersville Rd., Newburg, PA, Frank S. & Mildred Heberling, owners, Klings' Auctions, Inc., Sale Mgrs

THURS. MAR. 14, 11th Annual Penna. Heifer Sale for World Relief, at Mel Kolbs Black & White Dairy Barn, Lancaster, PA, 2 mi. W. on Rt. 283, for Mennonite Central Committee, Lee Kurtz, Omar Stoltzfus and John Umble, Aucts -Dale Hoover, Pedigree.

FRI. MAR 15 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

SAT MAR 16, Fraley's Annual Spring Machinery Consignment Sale on our farm 3 mi E. of Mucy, PA, Fraley Auction Co., Aucts

SAT. MAR. 16, Full Line of Farm Equip, located at 308 Prospect Rd, Elizabethtown, James and Nancy Zuck, owners, Long and Long, Aucts

SAT. MAR 16 - 8:30AM, Building Material Sale for Bart Twp Fire Co.-Windows, Doors, Siding, Lumber, etc, located in the village of Georgetown, 6 mi SE of Strasburg, along Rt 896 (Lancaster Co, PA), Local Auctioneers

SAT MAR 16 - 9AM, Brick Rancher, Fine Antiques, HH Goods, located at 1165 Indiantown Rd, West Cocalico Twp, Lanc Co, PA, Farmer's First Bank, Attorney-In-Fact for Grace Royer, T Glenn Horst and Sons, Aucts

SAT MAR 16 - 9AM, 28th Annual Spring Slae, Kempton Community Center, Kempton, PA, Northern Berks Co, 14 Auctioneers, Everything Sold on Commission Basis

SAT MAR 16 - 9AM, Farm Equip, HH Goods & Tools, located along 772 South of Talmage, West Earl Twp, Lanc Co, PA, Aaron N and Esther Hoover, owners, Paul W Horst and LeRoy S Horst, Aucts

THURS. MAR 21 - 11AM, Easter Lamb Sale, at New Holland Sales Stables, New Holland, PA

FRI. MAR. 22, Horse Drawn Farm Machinery, Horses, Dairy Herd, etc, on farm 3 mi N. of Turbotville, PA, Ervin & Anna Nissley, owners, Fraley Auction Co., Aucts.

PUBLIC SALE

OF REAL ESTATE

2½ STORY DWELLING EPHRATA

THURS., JANUARY 17, 1991 AT 2 P.M.

Located at 147 & 149 Grant St. (corner of Grant & E. Marshall Streets), Ephrata, Lancaster Co., Pa.

2½ STORY DWELLING

147 GRANT ST. - Living room, dining room, kitchen, 3 BEDROOMS, full bath, oil hot water heat.

149 GRANT ST. - Living room, dining room, kitchen, 3 BEDROOMS, full bath, oil hot water heat.

Lot size: 51.9' frontage & 81' depth m/l.

This centrally located dwelling has many possibilities. RECENT ROOF.

Open House: Sat., Jan. 12 from 1 p.m. to 3 p.m. Call 859-1331, 738-1245 or 859-4727.

Terms By:
Farmers First Bank,
Trustee Of Warren I. Seibel Trust

K.L. Shirk, Jr., Atty.

HORST AUCTS.
T. Glenn **AU438L**
Timothy G. **717-859-1331 — 717-738-1245**
Thomas A. VOICES OF EXPERIENCE

MILK MILK MILK MILK

COMPLETE HIGH GRADE MILKING HERD & OPEN HEIFER DISPERSAL

For Herbert & Mildred Horning, Adamstown, Pa.
To Be Held At Smoketown Quality Dairy Sales,
Smoketown, PA. Rt. 340

FRIDAY, JANUARY 11, 1991 - 12:30 P.M.

Herd Is All Home Raised. Closed Herd For 20 Years. Holstein Breeder For 33 Yrs. Herd Avg. At The Cremery 16,000m. 3.7 To 3.8%. Cows Avg. 57.8 Lb. M. There Are 21 Cows Fresh For Oct., Nov. & Dec. 6 Cows Milking To Make Dry For Jan. 8 Cows Dry. 14 Cows Milking 80 To 100 Lbs. Per Day. This Is A Good Young Fall & Winter Herd Of Cows With Good Udders. There Are 11- 2 & 3 Yr. Olds And 8- 4 Yr. Olds. Includes Dams & Daughters.

Fancy Group Of Heifer's From Breeding Age- Yearlings, And Baby Calves.

Atlantic Breeding And On Mating Program.

Sires & Service Sires Include:

Belltone- Ivanhoe Bell- Starwars- Bell Ringer- Dazzler- Rebel-Kasper- Sundancer- Pepper- And Others.

Herd Is Innoculated For Shipping Fever. Johnnie Free.

Also Selling 3 Red & White Holstein Heifers- Vacc. Out Of Triple Threat-Red. Dam EX93 And Vigo Magnetize-Red.

Triple Threat EX93 Record- 7-10- 365- 34,920m.- 3.8- 1316
Vigo Magnetize-Red- V.G. 87- 6-0- 305- 25,630m.- 4.4- 1167.

2-Reg. Holstein Bulls- Ready For Service.
#5- Sire Potts- Born 10-3-89.
  Dam- 2 Yr. 13,215m.- 3.6t.- 470F. Inc.
  Grd. Dam- 305- 21,260m.- 648F.
#8- Sire Ken Royal- Born 10-6-89.
  Dam- 2 Yr. 17,820m.- 4.4t.- 788F. Inc.
  Grd. Dam- 266d. 23,506m. 607F.

Reg. Jersey Bull- Born 12-8-89.
  Sire- Mills Gold (Some Of A-Nine Top Brass).
  +263m. +11F +26P$ +34TPI- 522 Pro. 3.6% Pro.
  Dam- Brigham Confident Ormand.
  6-1 286d. 14,493m.- 4.9%- 711F.- 522 Pro.- 3.6% Pro.
  +19 cy$ 4 Records Over 5%- Dam Milking 84 Lbs.

Smoketown Quality Dairy Sales
Sale Managed By- Gordon & Helen Fritz
717-393-0930

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT MAR 23 - 9 30AM, Full Line of Farm Equipment, Corn and HH Goods, located 3 mi E of Lancaster turn off Lincoln Hwy E on Strasburg Pike, 3 mi S to Pioneer Rd turn left 1st lane left, J Robert and Dorothy Musser, owners, Robert E and Jeffrey R Martin, Aucts

April

FRI APR 5 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SAT APR 6, RE, Antiques, Tools, HH Goods, located 408 W Main ST, New Holland, PA, Paul D. and Mabel M Plank, owners, Paul E Martin Auction Service, Aucts

FRI. APR. 19 - 3PM, 4th Annual Pfeiffer Hill Consignment Auction-Lawn & Garden Tractors and Equipment, from Exit 21 of PA turnpike, take Rt 272 S to first light, turn left on Church St through Reamstown to Red Run Rd, turn left, go 1/10 mi, turn left on Steffy Rd, approx ½ mi to sale on right, Kline, Kreider & Good, Aucts

FRI ARP 26 - 6PM, Annual Spring Heifer Sale, at Belleville Livestock Mkt, Belleville, PA, 300-400 head open and bred heifers, Mark Glick, Auct

FRI APR 26 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

May

SAT MAY 4 - 9AM, Collection of Trains and Trail Related Items dating from 1940's to present, Gary Martin, owner Diffenbach's Auct

SAT. MAY 4 - 10AM, Grade Heifer Sale, at New Holland Sales Stables, New Holland, PA.

SAT. MAY 4 - 10AM, Ringo Hills FArm machinery and Tool Auction, located Port Allegany, PA, Pirrung Auctioneers, Inc., Aucts

FRI MAY 10 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA

FRI MAY 17 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

JUNE

SAT JUN 1 - 10AM, Registered Heifer Sale, at New Holland Sales Stables, New Holland, PA

FRI JUN 14 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

JULY

FRI JULY 19 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

AUG.

FRI AUG 9 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SEPT.

FRI SEPT 13 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SAT SEPT 28 - 10AM, Registered & Grade Heifer Sale, at New Holland Sales Stables, New Holland, PA

OCT.

FRI OCT 18 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA

WED OCT 30 - 9AM, Annual Dairy Show & Sale, at New Holland Sales Stables, New Holland, PA.

NOV.

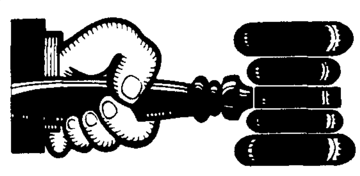
FRI NOV. 8 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

FRI NOV 29 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P.M
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703-364-1566



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

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FRIDAYS

Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 7 P.M.
Doors Open At 7:30 A.M.
To Accept Conpsignments

Open Air Market All Day And Evening

Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

WEDNESDAYS
Farm Machinery Consignment Auction

The FIRST WEDNESDAY EVENING OF EACH MONTH at 6 P.M. sharp.

We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simulatenously.

Hay And Straw Grain
EVERY WEDNESDAY
selling truck load lots by the bale or ton starting at 1 P.M.
Barn Opens at 8 A.M. to Consign
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Glenn S. Frame, Auct. (215) 458-5060
"Eastern Pennsylvania's Forement Auction Co."

Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.

Located 12 Miles East of Lancaster, just off Rt. 23, New Holland, Pa.

SPECIAL DAIRY SALE CONSIGNMENTS For WEDNESDAY, JANUARY 9, 1991

Heifer Sale 11:00 A.M. Fresh Cows & Springers at 12:00 Noon

1 LOAD BRADFORD COUNTY COWS
fresh and springers consigned by Marvin Eshleman.

1 LOAD NEW YORK STATE COWS
fresh consigned by Alfred Albright.

1 LOAD WISCONSIN COWS
fresh, some cows milking 70 to 85 lbs. per day consigned by Dale Hostetter.

1 TOP LOAD FRESH COWS
consigned by Leroy Smucker.

3 1st calf heifers and 3 cows
fresh since Dec. 21. Some cows milking 90 lbs. per day. All from one herd.

35 head vaccinated open heifers
from Canada.

PLUS MANY MORE CONSIGNMENTS BY SALE TIME.

For More Information Contact·
Norman Kolb, Pres. 717-397-5538 David Kolb, V. Pres.
61L Barn Phone 717-354-4341

ATTENTION ALL COLLECTORS
75TH PA. FARM SHOW
JAN. 6-11, 1991
LIMITED EDITION COLLECTIBLES WILL BE OFFERED AT THE FARM SHOW.

- "Ertl" Truck Banks, 1917 Ford.
- "Winross" Trucks, Fords And Macks.
- 1/64th Scale Toy Tractors, Most Brands.
- 1/16th Scale Model Tractors (Fords And Olivers).

All Items Are Especially Marked And Packaged To Commemorate The 75th State Farm Show. Licensed By The Pa. Department Of Agriculture.

Limited Supplies Available Each Day Of The Show. Limited Quantities.

COMPLETE HERD DISPERSAL

— — FROM — —

HENRY Z. FISHER

66 LOWER VALLEY RD.,
CHRISTIAN, PA 17509

Thursday, January 10, 1991
at 11:00 A.M.

at

MELVIN KOLB DAIRY FARM

2220 DAIRY RD.
LANCASTER, PA

Reason for selling, ill health. This is a nice herd of young Holstein Dairy Cows and Heifers.

35 Mature Cows
6 Bred Heifers
13 Open Heifers
8 Calves

SAMPLE OF COWS SELLING

✳ Lucy		19,047 – 3.5 – 665
✳ Georgie		20,148 – 4.0 – 797
✳ Agri		18,166 – 3.9 – 712
✳ Ginny		21,867 – 4.1 – 900
✳ Gale	EX	20,387 – 3.8 – 779
✳ Sally	EX	16,990 – 4.0 – 686
✳ Ann		17,175 – 3.8 – 655

FARMERS: Some of these cows are first fresh, milking heavy, some close springers, the balance due to freshen throughout the year.

✳ LUNCH AVAILABLE WITH PROCEEDS BEING ✳
✳ DONATED TO THE FISHER FAMILY ✳

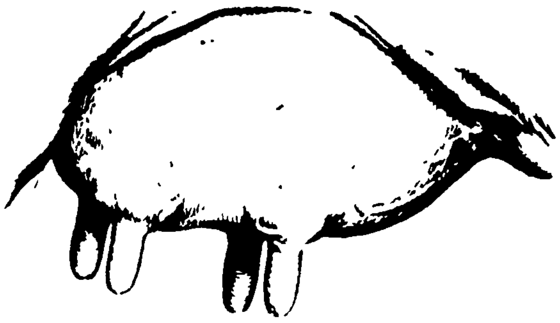
MELVIN KOLB FARM
2220 Dairy Rd.
Lancaster, PA 17601
(717) 569-2106
(717) 569-6800

Sale Managers: **Dennis & Mel Kolb**
Auctioneer: **Robert C. Mullendore (000644-L)**
Pedigrees: **Henry Kettering**

PURINA PRODUCTS AND PROGRAMS

HEIFER FACTS AND GOALS:

Invest In Tomorrow's Milk Today!



1. An increase of 200 lbs. in proper body condition for your heifers is equal to 1300 lbs. of increased milk in that 1st lactation.
2. Heifers should freshen at 24 months of age with an average daily gain from birth of 1.85 lbs.
3. With the above freshening age and average daily gain heifers should weigh in at 1150-1200 lbs. after freshening.
4. A height of 54 inches at withers is desired at 24 months of age.
5. We suggest that you have your heifer rations analyzed for optimum growth, performance, and return for your dollars invested.
6. Monitor heifer weight and height conditions on a regular time period. (Ask your Purina Dealer for a weight type).

PURINA PRODUCTS TO FIT YOUR FARM:

Purina
FRESHSTART
D&H

Freshstart D & H®

Specially formulated for dry cows and heifers.

- Freshstart D & H 16% Complete
- Freshstart D & H 16% Concentrate
- Freshstart D & H 16% Concentrate (High Legume)
- North Atlantic Freshstart D & H 22% Concentrate
- Freshstart D & H 34% Concentrate
- Easy Care Blocks
- Suppl-Mineral I, II, III (Bovatec Option)

Call Your Purina Dealer Today For Information On Purina Heifer Growing Rations

WARRIOR'S MARK FEED CENTER
P.O. Box #130
Warriors Mark, PA 16877
814/632-5490

FARMER'S UNION CO-OP
30 East Walters Avenue
Greencastle, PA 17225
717/597-3191

K & K FEED, INC.
23 N. Park Street
Richland, PA 17087
717/866-2324

H.R. WENTZEL SONS., INC.
Box 6 Bloomfield Ave.
Newport, PA 17074
717/789-3306

THE OXFORD GRAIN & HAY CO.
1212 Railroad Ave.
Oxford, PA 19363
215/932-8521

BEDFORD FARM BUREAU
Bedford PA 814/623-6194
Everett, PA 814/652-2313
New Enterprise, PA 814/766-3329

ANTHONY'S FEED MILL
P.O. Box 212
Strausstown, PA 19559
215/488-6211

HESS MILLS
Paradise, PA 17562
717/442-4183
717/768-3301

Unionville, PA 19375
215/347-2377

UMBERGER'S MILL
R.D. #4 - Box #545
Lebanon, PA 17042
717/867-5161

GLENVILLE FARM CENTER
Glenville, PA 17329
717/235-1290

FRANKLIN FEED & SUPPLY
1977 Philadelphia Ave.
Chambersburg, PA
717/264-6148

5960 Altenwald Rd.
Waynesboro, PA

DETRICH ELEVATOR, INC.
5458 Cedar St.
Williamson, PA 17270
717/369-3724

WILLIAM GOWER & SON
Rt 1, Box 50
Williamsport, MD 21795
301/582-2818

CHECK-R-BOARD
239 W. Main St.
Knoxville, PA 16928
814/326-4178

HIGH BROTHERS
441 Centerville Road
Gordonville, PA 17529
717/354-0301

H.C. SUMMERS, INC.
4002 Jefferson Pike
Jefferson, MD
301/473-8300

M.G. HENNINGER & SON, INC.
Berrysburg, PA 17005
717/362-3333

WOODSTOWN ICE & COAL CO., INC.
50 East Grant Street
Woodstown, NJ 08098
609/769-0069

OLEY VALLEY FEED
RD2 - Box 271A
Oley, PA
215/987-3568

MARTIN'S FEED & FERTILIZER, INC.
Coburn, PA 16832
814/349-8787

SPENCER'S MILLING SERVICE
306 S. Rodney St.
Clayton, DE 19938
302/653-8011

NISSLEY FEED CENTER
Mill Rd., Box 377
Morgantown, PA 19543
215/286-9029

TRI COUNTY AG CENTER, INC.
McVeytown, PA 17051
717/899-6772

R D BOWMAN & SONS, INC.
Englar Rd
Westminster, MD 21157
301/848-3733

NORTH GLADE FEED & SUPPLY, INC.
12435-A Woodsboro Pike
Keymar, MD 21757
301/898-3414

PURINA
MILLS, INC.

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Feeds designed with you in mind.